

1987

U.I.C.
AUG 22 1988
LIBRARY

INDEX
TO THE ASSOCIATED
EUROPEAN JOURNALS OF MINERALOGY

— a supplement to —

Boletín de la Sociedad Española
de Mineralogía

Bulletin de Minéralogie

Fortschritte der Mineralogie

Mineralogical Magazine

Rendiconti della Società Italiana
di Mineralogia e Petrologia

Schweizerische Mineralogische
und Petrographische Mitteilungen

published in cooperation with the European Mineralogical Societies
Editor M. Lagache

Société Française de Minéralogie et de Cristallographie
tour 16, 4, place Jussieu 75252 PARIS CEDEX 05 FRANCE

SUBSCRIBE TO THE FIVE ASSOCIATED
European Journals of Mineralogy



Bulletin de Minéralogie

published by the "Société française de Minéralogie et de Cristallographie"

Principal editor: C. Willaime

Subscription: Masson éditeur

120, bd St-Germain, F-75280 PARIS CEDEX 06

Fortschritte der Mineralogie

published by the "Deutsche Mineralogische Gesellschaft"

Principal editor: H. U. Bambauer

Subscription: E. Schweizerbart'sche Verlagbuchhandlung

Johannesstrasse 3A, D-7000 STUTTGART 1

Mineralogical Magazine

published by the "Mineralogical Society of Great Britain and Ireland"

Principal editor: A. M. Clark

Subscription: Mineralogical Society of Great Britain

41 Queen's Gate, LONDON SW7 5HR U.K.

Rendiconti della Società Italiana di Mineralogia e Petrologia

published by the "Società Italiana di Mineralogia e Petrologia"

Principal editor: G. Fagnani

Subscription: Società Italiana di Mineralogia e Petrologia

Corso Venezia 55, I-20121 MILANO

Schweizerische Mineralogische und Petrographische Mitteilungen

published by the "Schweizerische Mineralogische und Petrographische Gesellschaft"

Principal editor: W. Oberholzer

Subscription: Stäubli Verlag AG

Postfach 237, CH-8045 ZÜRICH

A single index to all five journals is sent annually with each journal.

1987 INDEX

CONTENTS

Author Index

Key word Index

to

Boletín de la Sociedad Española de Mineralogía 1987 volumen 10

Bulletin de Minéralogie 1987 volume 110

Fortschritte der Mineralogie 1987 band 65

Mineralogical Magazine 1987 volume 51

Rendiconti della Società Italiana di Mineralogia e Petrologia 1987 volume 42

Schweizerische Mineralogische und Petrographische Mitteilungen 1986 band 66

Schweizerische Mineralogische und Petrographische Mitteilungen 1987 band 67

LIST OF ABBREVIATIONS

- E = Boletín de la Sociedad Española de Mineralogía
F = Bulletin de Minéralogie
D = Fortschritte der Mineralogie
G.B. = Mineralogical Magazine
I = Rendiconti della Società Italiana di Mineralogia e Petrologia
CH6 = Schweizerische Mineralogische und Petrographische Mitteilungen 1986
CH7 = Schweizerische Mineralogische und Petrographische Mitteilungen 1987

THE EUROPEAN JOURNAL OF MINERALOGY

The European Journal of Mineralogy is published by the :

Deutsche Mineralogische Gesellschaft

Società Italiana di Mineralogia e Petrologia

Société française de Minéralogie et de Cristallographie

in cooperation with the European Mineralogical Union.

It supersedes :

Bulletin de Minéralogie

Fortschritte der Mineralogie

Rendiconti della Società Italiana di Mineralogia e Petrologia.

Chief editors : E. ALTHAUS, C. CHOPIN, F.P. SASSI.

Managing editor : C. WILLAIME.

The European Journal of Mineralogy will be published, 6 issues per year, beginning in 1989.

CALL FOR PAPERS

The European Journal of Mineralogy publishes original papers, review articles and short notes dealing with mineralogical sciences : mineralogy, petrology, geochemistry, crystallography, ore deposits and related fields, including applied mineralogy.

Manuscripts must be written in English, French, German or Italian, preferably in English.

Three copies of each manuscript (text and figures) should be sent to one of the chief editors :

E. ALTHAUS
Mineralogisches Institut
Universität Karlsruhe
Kaiserstrasse 12
D-7500 KARLSRUHE
F.R.G.

C. CHOPIN
Laboratoire de Géologie
Ecole Normale Supérieure
24, rue Lhomond
F-75005 PARIS
France

F.P. SASSI
Istituto di Mineralogia e Petrografia
Università di Padova
Corso Garibaldi, 37
I-35100 PADOVA
Italy

Each manuscript will be reviewed by two referees chosen by an international board of associate editors.

Each manuscript should be prepared in the following way :

Title - Running title - Name(s) of author(s) and address(es) of institution(s) - Abstract and Key-words (in English) - Text - Reference list - Tables - Figures - Table captions and figure captions. Details of presentation rules may be obtained from the chief editors.

Members of any society of the European Mineralogical Union will have the opportunity to receive the European Journal of Mineralogy at a special price through their society.

Digitized by the Internet Archive
in 2023

Author index

- ** A**
- ABEYSINGHE P.B. see KWAK T.A.P. GB 665
- ABRECHT J. see SCHENKER F. CH7 13
- ACKERMAN D. see HERD R.K. GB 203
- AKASAKA M. see TOGARI K. GB 611
- AKIZUKI M., KONNO H. Growth twinning in phacolite GB 427
- AKIZUKI M. An explanation of optical variation in yugawaralite GB 615
- ALEXANDER C.M.O., HUTCHINSON R., GRAHAM A.L., YABUKI H. Discovery of scapolite in the Bishunpur (LL3) chondritic meteorite GB 733
- ALFARO E.J. see GARCIA-RUIZ J.M. E 277
- ALVAREZ M.A. see DOMINGUEZ BELLA S. E 205
- ALVAREZ PEREZ A. Los marmoles del Pirineo oriental y su utilizacion en epoca romana E 231
- AMBS H. Angewandte Mineralogie in einem Huttenwerk D 129
- APPLEMAN D.E., EVANS H.T.Jr., NORD G.L., DWORNIK E.J., MILTON C. Delindeite and lourenswalsite, two new titanosilicates from the Magnet Cove region, Arkansas GB 417
- ARMERUSTER T. see HUMMEL W. CH7 213
- ARMIENTI P., CLOCCHIATTI R., INNOCENTI F., POMPILIO M., VILLARI L. 1984-1985 Mount Etna effusive activity I 225
- ASTILL D.M. see MCCONNELL J.D.C. GB 453
- AURISICCHIO C., SCRIBANI V. Some ultramafic xenoliths from Etna I 219
- AUVRAY B. see BLAIS S. F 73
- AYORA C., GUILHAUMOU N., TOURAY J.C., MELGAREJO J.C. Scheelite-bearing quartz veins from Poblet (Catalonian Coastal Range) Characterization of fluid inclusions and genetic model F 603
- AZAMBRE B., ROSSY M., LAGO M. Caractéristiques pétrologiques des dolérites tholéitiques d'âge triasique (ophites) du domaine pyrénéen F 379
- ** B**
- BAEHNI L.A. see WUST G.H. CH6 53
- BALE P. see PAQUETTE J.L. F 683
- BALLEVRE M. see PAQUETTE J.L. F 683
- BANERJEE H. see DASGUPTA S. GB 577
- BANKS D. see NICHOLSON K. GB 175
- BARBER D.J., RIAZ KHAN M. Composition-induced microstructures in rhombohedral carbonates GB 71
- BARDSLEY W.E., BRIGGS R.M. Estimation equations for F in fractional crystallisation and partial melting GB 171
- BARTON M. The occurrence and significance of xenocrysts of apatite, ilmenite, and Na-Fe-Ti oxide in ultrapotassic lavas from the Leucite Hills, Wyoming GB 265
- BASU A. see MOLINAROLI E. I 271
- BAUDRACCO-GRITTI C., QUARTIERI S., VEZZALINI G., PERMINGEAT F., PILLARD F., RINALDI R. Une wakefieldite-(Ce) non plombifère: nouvelles données sur l'espèce minérale correspondant à l'orthovanadate de cérium F 657
- BAYLISS P. Mineral nomenclature: scapolite GB 176
- BAYLISS P. Mineral nomenclature: rozenite GB 176
- BAYLISS P. Mineral nomenclature: imogolite GB 327
- BEDDOE-STEPHENS B. see CLARKE M.C.G. GB 371
- BERNARDINI G.P., CIPRIANI C., CORSINI F., GUARINI G.G.T., MAZZETTI G., POGGI L. Natural As-Sb alloys: texture types, thermal behaviour and mechanism of formation GB 295
- BERTORINO G., CABOI R., CAREDDA A.M., FANFANI L., GRADOLI M.G., ZUDDAS P. Prospezione idrogeochimica mineraria nell'area di Gadoni-Seulo (Sardegna Centrale): il significato di solfati e fluoruri disciolti I 47
- BERTRAND J. see SCHURCH M.L. CH6 267
- BERTRAND J., DIETRICH V., NIEVERGELT P., VUAGNAT M. Comparative major and trace element geochemistry of gabbroic and volcanic rock sequences, Montgenèvre ophiolite, Western Alps CH7 147
- BERTRAND J. see SARP H. CH7 225
- BESTIRO RAFALES J., OSACAR SORIANO M.C., OSACAR SORIANO C. El color en la covellina E 185
- BEVAN J.C. see SYMES R.F. GB 635
- BEVINS R.E., SYMES R.F., HORAK J.M., HOLYER V. Hetaerolite from Eastern Cliff, Kennack Sands, Cornwall: the first British occurrence GB 172
- BHATTACHARYA P.K. see DASGUPTA S. GB 577
- BLAIS S., AUVRAY B. Origine de l'olivine et du clinopyroxène dans les roches ultrabasiqes komatiitiques de la ceinture archéenne de roches vertes de Kuhmo, Finlande orientale F 73
- BLANCO FERNANDEZ M. Espectros de infrarrojo en el grupo de minerales de la epidota E 199
- BODINIER J.L., FABRIES J., LORAND J.P., DOSTAL J., DUPUY C. Geochemistry of amphibole pyroxenite veins from the Lherz and Freychinède ultramafic bodies (Ariège, French Pyrenees) F 345
- BODINIER J.L. see DUPUY C. GB 561
- BOISTELLE R. see LOPEZ-ACEVEDO V. E 243
- BONHOMME M.G. see MENOT R.P. CH7 273
- BOUDEULLE M. see TROLLIARD G. F 439
- BOUROT-DENISE M. see CHRISTOPHE MICHEL-LEVY M. F 449
- BOWLES J.F.W. see GASPAR O. GB 305
- BRAITHWAITE R.S.W. Ceruleite: infrared spectroscopy and a new locality in Cornwall GB 738
- BREARLEY A.J. An experimental and kinetic study of the breakdown of aluminous biotite at 800°C: reaction microstructures and mineral chemistry F 513
- BREARLEY A.J. see RUBIE D.C. F 533
- BREARLEY A.J. A natural example of the disequilibrium breakdown of biotite at high temperature: TEM observations and comparison with experimental kinetic data GB 93
- BRIGGS R.M. see BARDSLEY W.E. GB 171
- BUHLER C. see STALDER H.A. CH7 93
- BURKE E.A.J. see ZAKRZEWSKI M.A. GB 318
- BURRI G. see SARP H. CH6 453
- BURRI G. see SARP H. CH7 219
- BURRUSS R.C. Diagenetic paleotemperatures from aqueous fluid inclusions: re-equilibration of inclusions in carbonate cements by burial heating GB 477
- ** C**
- CABALZAR W. see SARP H. CH7 225
- CABOI R. see BERTORINO G. I 47
- CALDERON T. Factores que afectan la termoluminiscencia en turmalinas: elbaita E 191
- CAREDDA A.M. see BERTORINO G. I 47
- CARPENA J., GAGNOL I., MAILHE D., PUPIN J.P. L'uranium marqueur de la croissance F 459

- cristalline: mise en évidence par les traces de fission dans les zircons gemmes d'Espaly (Haute-Loire, France)
- CARTER J.S. see RANKIN A.H. GB 517
- CATHELINEAU M. U-Th-REE mobility during albitization and quartz dissolution in granulites: evidence from south-east French Massif Central F 249
- CATHELINEAU M. see DUBESSY J. F 261
- CENSI P. Frazionamento isotopico dell'idrogeno dell'acqua di cristallizzazione della kainite e studio del deposito di Racalmuto, Serie gessoso-solfifera, Sicilia I 257
- CESBRON F. Revue bibliographique des modifications apportées à la nomenclature minéralogique F 111
- CHAMPNESS P.E. see RUBIE D.C. F 471
- CHAMPNESS P.E. Convergent beam electron diffraction GB 33
- CHAMPNESS P.E. see WORDEN R.H. GB 107
- CHANG L.L.Y. Ag_{1.2}Sn_{0.9}Sb_{0.5}Se₆ and tin-bearing andorite phase GB 741
- CHAROY B. see DUBESSY J. F 261
- CHATHAM J.R. see WANTY R.B. F 209
- CHEN T.T. see GRAESER S. CH6 259
- CHISHOLM J.E., JONES G.C., PURVIS O.W. Hydrated copper oxalate, moolooite, in lichens GB 715
- CHOPIN C. see GOFFE B. CH6 41
- CHRISTOPHE MICHEL-LEVY M., BOURROT-DENISE M., PALME H., SPETTEL B., WANKE H. L'eucrite de Bouvante: chimie, pétrologie et minéralogie F 449
- CIPRIANI C. see BERNARDINI G.P. GB 295
- CLARKE M.C.G., BEDDOE-STEPHENS B. Geochemistry, mineralogy and plate tectonic setting of a Late Cretaceous Sn-W granite from Sumatra, Indonesia GB 371
- CLOCCHIATTI R. see ARMIENTI P. I 225
- COLOMBI A., PFEIFER H.R. Ferrogabbroic and basaltic meta-eclogites from the Antrona mafic-ultramafic complex and the Centovalli-locarno region (Italy and Southern Switzerland)-first results CH6 99
- CONVEGNO DI CATENIA (1986). Abstracts I 285
- CONVEGNO DI SIENA. Abstracts I 177
- COOLES G.P., MACKENZIE A.S., PARKES R.J. Non-hydrocarbons of significance in petroleum exploration: volatile fatty acids and non-hydrocarbon gases GB 483
- COOPER D.C. see READ D. GB 271
- CORSINI F. see BERNARDINI G.P. GB 295
- COTTIN J.Y. see LORAND J.P. F 373
- COTTIN J.Y. see LORAND J.P. GB 671
- CRESSEY G. Skarn formation between metachalk and agglomerate in the Central Ring Complex, Isle of Arran, Scotland GB 231
- CUNEY M., FRIEDRICH M. Physicochemical and crystal-chemical controls on accessory mineral paragenesis in granulites: implications for uranium metallogenesis F 235
- CUNEY M. see DUBESSY J. F 261
- CURTIS C.D., HUGUES C.R., IRELAND B.J., WARREN E.D., WHITEMAN J.A., WHITTLE C.K. Analytical transmission electron microscopy in the study of diagenetic clay minerals GB 123
- CURTIS C.D. see EGLINTON T.I. GB 495
- ** D
- DACHS E. High-pressure mineral assemblages and their breakdown-products in metasediments South of the Grossvenediger, Tauern Window, Austria CH6 145
- DASGUPTA S., BHATTACHARYA P.K., BANERJEE H., FUKUOKA M., MAJUMDAR N., ROY S. Calderite-rich garnets from metamorphosed manganese silicate rocks GB 577
- of the Sausar Group, India, and their derivation
- DAVIS J. see FROST M.T. GB 585
- DECARREAU A. see MONTDESIR H. F 409
- DEL MORO A., NOTARPIETRO A. Rb-Sr Geochemistry of some Hercynian granulites overprinted by eo-alpine metamorphism in the Upper Valtellina, Central Alps CH7 295
- DELALOYE M. see FONTIGNIE D. CH7 171
- DELIENS M. see PIRET P. F 65
- DELLA MEA G. see PETIT J.-C. F 25
- DEN TEX E. two ovoidite occurrences in the Piemonte Ophiolite Nappe of the Cottian Alps (NW Italy) and their significance for the process of ovoiditization CH7 137
- DESMONS J. The Alpine metamorphisms and their environments in the Western Alps: unsolved problems CH6 29
- DIAMOND L.W., WIEDENBECK M. K-Ar Radiometric ages of the gold-quartz veins at Brusson, Val d'Ayas, NW Italy: evidence of mid-Oligocene hydrothermal activity in the Northwestern Alps CH6 385
- DIAZ ALVAREZ M.C. see FORT GONZALEZ R. E 149
- DICKINSON C., PATTRICK R.A.D. A TEM investigation of optical variations in sphalerite GB 127
- DIDIER J. see LEBLANC M. F 359
- DIETRICH H., KOLLER F., RICHTER W., KIESL W. Petrologie und Geochemie des Rodingitvorkommens vom Isiltzfall (Dorfertal, Hohe Tauern) CH6 163
- DIETRICH V. see BERTRAND J. CH7 147
- DIETRICH V.J. see SCHENKER F. CH6 343
- DISNAR J.R. see NAKASHIMA S. F 227
- DOMINGUEZ BELLA S., GALVAN J.C., ALVAREZ M.A. Estudio termico de prehnitas naturales E 205
- DOMINGUEZ BELLA S., GARCIA-RUIZ J.M. Analisis morfologico y textural de monocristales de calcita crecidos en geles de TMS a pH 7 E 271
- DOSTAL J. see BODINIER J.L. F 345
- DOSTAL J. see DUPUY C. GB 561
- DOUKHAN J.C. see NAZE L. F 497
- DOUKHAN N. see NAZE L. F 497
- DRAN J.-C. see PETIT J.-C. F 25
- DROOP G.T.R. see WORDEN R.H. GB 107
- DROOP G.T.R. A general equation for estimating Fe concentrations in ferromagnesian silicates and oxides from microprobe analyses, using stoichiometric criteria GB 431
- DUBESSY J., RAMBOZ C., NGUYEN-TRUNG C., CATHELINEAU M., CHAROY B., CUNEY M., LEROY J., POTY B., WEISBROD A. Physical and chemical controls (fO₂, T, pH) of the opposite behaviour of U and Sn-W as exemplified by hydrothermal deposits in France and Great-Britain F 261
- DUBRAWSKI J.V. see OSTWALD J. GB 463
- DUJON S.C. see LAGACHE M. F 551
- DUJON S.C., LAGACHE M. Solution concentration control on partitioning of heterovalent elements between minerals and hydrothermal fluids F 563
- DUNN P.J., PEACOR D.R. New data on the relation between caryinite and arseniopleite GB 281
- DUPUY C. see BODINIER J.L. F 345
- DUPUY C., DOSTAL J., BODINIER J.L. Geochemistry of spinel peridotite inclusions in basalts from Sardinia GB 561
- DWORNICK E.J. see APPLEMAN D.E. GB 417
- ** E
- EAKIN P. see PARNELL J. GB 505
- EGLINTON T.I., CURTIS C.D., ROWLAND S.J. GB 495

- Generation of water-soluble organic acids from kerogen during hydrous pyrolysis: implications for porosity development
- ENAMI M. see SUWA K. GB 709
- ENGI M., WERSIN P. Derivation and application of a solution model for calcic garnet CH7 53
- EVANS H.T.Jr. see APPLEMAN D.E. GB 417
- ** F**
- FABRIES J. see BODINIER J.L. F 345
- FANFANI L. see BERTORINO G. I 47
- FEDERICO M. see SEIFERT F. I 3
- FERGUSON J. A possible role for light hydrocarbons in Pb/Zn mineral exploration GB 527
- FERNANDEZ-DIAZ L., PRIETO RUBIO M. E 253
- Generation de vacances de la septima molecula de agua en cristales de epsomita: implicaciones en la cristalización metaestable de hexahidrita a altas sobresaturaciones
- FERNANDEZ-NIETO C. see SUBIAS PEREZ I. E 167
- FICHERA S. see MESSINA A. I 103
- FINLAY C.A., KERR A. Evidence for differences in growth rate among garnets in pelitic schists from northern Sutherland, Scotland GB 569
- FIRMAN R.J. see STRENS R.G.J. GB 649
- FLEHOC C., ROTACH-TOULHOAT N., VILLEMANT B. Répartition de l'uranium dans les roches volcaniques F 335
- FLOYD P.A. see GOKTEN E. GB 553
- FONTEILLES M., IYAMA J.T. Takeo Watanabe (1907-1986) F 645
- FONTIGNIE D., DELALOYE M., VUAGNAT M. Age potassium-argon de galets andésitiques des grès du Champsaur (Hautes Alpes, France) CH7 171
- FORT GONZALEZ R., DIAZ ALVAREZ M.C. E 149
- Estudio mineralógico en la fracción samítica de las terrazas de los ríos Jarama y Henaras
- FOURNIER J. see SUQUET H. F 711
- FRANCESCHELLI M., LEONI L., SARTORI F. I 13
- Geochemistry and mineralogy of detritic rocks from Verrucano type-sequences of Northern Apennines (Monti Pisani and Punta Bianca), Italy
- FRANCIS J.G., RYBACK G. Chalcocite from Ballybunnion, Co. Kerry, Eire GB 751
- FRANSOLET A.M. La vantasselite, $Al_4(PO_4)_3(OH)_3 \cdot 9H_2O$, une nouvelle espèce minérale du Massif de Stavelot, Belgique F 647
- FREER R. see STRENS R.G.J. GB 649
- FREESTONE I.C., MIDDLETON A.P. GB 21
- Mineralogical applications of the analytical SEM in archaeology
- FRENZEL G. see STAHLE V. CH6 73
- FREY M. Very low-grade metamorphism of the Alps - An introduction CH6 13
- FREY M. The reaction-isograd kaolinite + quartz = pyrophyllite + H_2O , Helvetic Alps, Switzerland CH7 1
- FRIEDRICH M. see CUNEY M. F 235
- FRIMMEL H. Isotopengeologische Hinweise für die paläogeographische Nachbarschaft von Gurtaler Decke (oberostalpin) und dem Altkristallin östlich der Hohen Tauern (Osterreich) CH6 193
- FROST M.T., TSAMBOURAKIS G.T., DAVIS J. Holquistite-bearing amphibolite from Greenbushes, Western Australia GB 585
- FUKUOKA M. see DASGUPTA S. GB 577
- GARCIA DEL CURA M.A. see ORDONEZ S. E 219
- GARCIA D. Behaviour of Fe, Mn and Mg during the differentiation of granites and W-Sn bearing hydrothermal activity in the Vila Real area (Northern Portugal) F 613
- GARCIA-RUIZ J.M. see DOMINGUEZ BELLA S. E 271
- GARCIA-RUIZ J.M., SANTOS A., ALFARO E.J. Comportamiento oscilatorio de la velocidad de crecimiento en sistemas controlados por difusión E 277
- GASPAR O., BOWLES J.F.W., SHEPHERD T.J. Silver mineralization at the Vale das Gatas tungsten mine, Portugal GB 305
- GEHLEN K. VON Formation of Pb-Zn-F-Ba mineralizations in SW Germany: a status report D 87
- GEISMAR G. Chemische Umsetzungen zur Acidität des Faujasits D 115
- GENOVESE G. see POGNANTE U. I 95
- GEORGET Y. see PAQUETTE J.L. F 683
- GERARD Y. see GILLET P. F 481
- GIANNINI W.F. see MITCHELL R.S. GB 467
- GILLET P., GERARD Y., WILLAIME C. The calcite-aragonite transition: mechanism and microstructures induced by the transformation stresses and strain F 481
- GIROD M. see PHILIPPE S. F 283
- GOFFE B., CHOPIN C. High-pressure metamorphism in the Western Alps: zoneography of metapelites, chronology and consequences CH6 41
- GOKTEN E., FLOYD P.A. Geochemistry and tectonic environment of the Sarkisla area volcanic rocks in Central Anatolia, Turkey GB 553
- GOLDBERGER B., HEMINGWAY B.S., MOHAGHECHI A., REYNOLDS R.L., NORTHROP H.R. Origin of coffinite in sedimentary rocks by a sequential adsorption-reduction mechanism F 131
- GOMEZ LORENTE C., LOPEZ-ACEVEDO V. E 283
- Crecimiento de brushita en gel de sílice. Características morfológicas
- GONZALEZ LOPEZ J.M. see MARTIN GUILLEN M. E 141
- GONZALEZ LOPEZ J.M. see LOPEZ AGUAYO F. E 159
- GONZALEZ LOPEZ J.M. see SUBIAS PEREZ I. E 167
- GOSS C.J. The kinetics and reaction mechanism of the goethite to hematite transformation GB 437
- GOUT R. see VERDES G. F 579
- GRADOLI M.G. see BERTORINO G. I 47
- GRAESER S., PAAR W.H., CHEN T.T. Baumhauerit: ein zweites Vorkommen (Salzburg/A) CH6 259
- GRAESER S., SCHWANDER H. Gasparite-(Ce) and monazite-(Nd): two new minerals to the monazite group from the Alps CH7 103
- GRAHAM A.L. see ALEXANDER C.M.O. GB 733
- GRAMLICH V. Quasikristalle: zur Kristallographie von Strukturen mit "nichtkristallographischer" Symmetrie D 161
- GREEN T.H., PEARSON N.J. High-pressure, synthetic lovelingite-davidite and its rare earth element geochemistry GB 145
- GREW E.S., HERD R.K., MARQUEZ N. Boron-bearing kornéupine from Fiskenaesset, West Greenland: a re-examination of specimens from the type locality GB 695
- GRIFFIN W.L. On the eclogites of Norway, 65 years later GB 333
- GUARINI G.G.T. see BERNARDINI G.P. GB 295
- GUILHAUMOU N. see AYORA C. F 603
- ** H**
- HALL P.L. see McCONNELL J.D.C. GB 453
- HEITZMANN P. Retrograde Metamorphose und Verformung in der "Wurzelzone" zwischen Ticino und Mera (Lepontinische Alpen) CH6 111
- ** G**
- GAGNOL I. see CARPENA J. F 459
- GALVAN J.C. see DOMINGUEZ BELLA S. E 205
- GANDAIS M. see ZHENG Y. F 15

- HELVACI C. Rare earth elements in apatite-rich iron deposits and associated rocks of the Avnik (Bingöl) region, Turkey CH7 307
- HEMINGWAY B.S. see GOLDBABER B F 131
- HENSEN B.J. see WARREN R.G. GB 409
- HERD R.K., ACKERMANN D., THOMAS A., WINDLEY B.F. Oxygen fugacity variations and mineral reactions in sapphirine-bearing paragneisses, E.Grenville province, Canada GB 203
- HERD R.K. see GREW E.S. GB 695
- HERRMANN A.G. Untergrund-Deponie anthropogener Schadstoffe D 307
- HOCHMAN B.M. see YPMA P.J. F 173
- HOEVE J., QUIRT D. A stationary redox front as a critical factor in the formation of high-grade, unconformity-type uranium ores in the Athabasca basin, Saskatchewan, Canada F 157
- HOINKES G. Eoalpine metamorphism of the Austroalpine Schneeberg-Complex and the adjacent Otztal crystalline basement (summary) CH6 135
- HOLYER V. see BEVINS R.E. GB 172
- HORAK J.M. see BEVINS R.E. GB 172
- HORIUCHI T. see SUWA K. GB 709
- HUGUES C.R. see CURTIS C.D. GB 123
- HUMMEL W., ARMBRUSTER T. Ti^{3+} , Pb^{2+} , and Bi^{3+} bonding and ordering in sulfides and sulfosalts CH7 213
- HUTCHINSON R. see ALEXANDER C.M.O. GB 733
- HUTCHINSON R. Chromian-manganous augite in the interchondrule matrix of the Tieschitz (H3) chondritic meteorite GB 311
- ** I**
- IYAMA J.T. see FONTEILLES M. F 645
- INNOCENTI F. see ARMIENTI P. I 225
- IRELAND B.J. see CURTIS C.D. GB 123
- ** J**
- JAGODZINSKI H. Paul Peter Ewald, 1888-1985 D 1
- JAGODZINSKI H. Masaaki Korekawa, 1927-1985 D 5
- JONES A.A., SALEH A.M. A study of the thickness of ferrihydrite coatings on kaolinite GB 87
- JONES G.C. see CHISHOLM J.E. GB 715
- JOSHI M. see SHARMA R.S. GB 207
- ** K**
- KÄELIN J.L. see RAIMBAULT L. F 633
- KAIPING A. see KUSATZ B. D 203
- KARUP-MOLLER S. see MOELO Y. F 43
- KERR A. see FINLAY C.A. GB 569
- KEY C.H. Geochemistry of diorites and associated plutonic rocks of SE Jersey, Channel Islands GB 217
- KIENAST J.R., MESSIGA B. Cr-rich Mg-chloritoid, a first record in high-pressure metagabbros from Monviso (Cottian Alps), Italy GB 681
- KIENAST J.R. see MARTIN S. CH7 339
- KIESL W. see DIETRICH H. CH6 163
- KLAPER E.M. Deformation and Metamorphose im Gebiet des Nufenenpasses, Lepontinische Alpen CH6 115
- KLAPER E.M. The metamorphic evolution of garnet-cordierite-sillimanite gneisses of NW Spitsbergen (Svalbard) CH6 295
- KOLLER F. see DIETRICH H. CH6 163
- KONNO H. see AKIZUKI M. GB 427
- KROLL H. see KUSATZ B. D 203
- KUSATZ B., KROLL H., KAIPING A., PENTINGHAUS H. Mechanismus und Kinetik von Entmischungsvorgängen am Biespiel Ge-substituierter Alkalifeldspäte D 203
- KWAK T.A.P., ABEYSINGHE P.B. Rare earth and uranium minerals present as daughter crystals in fluid inclusions, Mary Kathleen U-REE skarn, Queensland, Australia GB 665
- ** L**
- LAGACHE M., DUJON S.C. Distribution of strontium between plagioclases and 1 molar aqueous chloride solutions at 600°C, 1.5 kbar and 750°C, 2 kbar F 551
- LAGACHE M. see DUJON S.C. F 563
- LAGO M. see AZAMBRE B. F 379
- LANCELOT J.R. see PHILIPPE S. F 283
- LANDAIS P. see MEUNIER J.D. F 145
- LANDI P. Un esempio di zonatura composizionale in camere magmatiche superficiali: l'eruzione piroclastica alcalina potassica di Pitigliano (Vulcano di Latera) I 123
- LANGMUIR D. see WANTY R.B. F 209
- LARDEAUX J.M. see NISIO P. F 427
- LARDEAUX J.M. see TROLLIARD G. F 439
- LARDINI D., NAPPI G. I cicli eruttivi del complesso vulcanico Cimico I 141
- LATROUS K. see NAZE L. F 497
- LE BAS M.J. see MIAN I. GB 397
- LEAKE B.E. Comments on "Chromium-rich kyanite in an eclogite from the Rouergue area, French Massif Central": Al-rich amphibole GB 752
- LEBLANC M., DIDIER J. Enclaves ultrabasiqes carbonatisées avec traces d'or, dans les anatexites du Haut-Allier (France) F 359
- LEGENDRE O. see MOELO Y. F 43
- LEHMANN G. see VASSILIKOU-DOVA A.B. D 173
- LEONI L. see FRANCESCHELLI M. I 13
- LEROUY J. see DUBESSY J. F 261
- LESLIE M. see PRICE G.D. GB 157
- LIVINGSTONE A. A basic magnesium carbonate, a possible dimorph of artinite, from Unst, Shetland GB 459
- LLOYD G.E. Atomic number and crystallographic contrast images with the SEM: a review of backscattered electron techniques GB 3
- LOMBARDO B. see POGNANTE U. I 95
- LOPEZ AGUAYO F. see MARTIN GUILLEN M. E 141
- LOPEZ AGUAYO F., GONZALEZ LOPEZ J.M. Caracterización de algunas cloritas de "Cantera sultana" en los yacimientos de Pb-Zn de la Union (Murcia) E 159
- LOPEZ DE AZCONA M.C. see ORDONEZ S. E 219
- LOPEZ GALINDO A. Paligorskita en materiales cretácicos de la zona subbética. Origen E 131
- LOPEZ VALERO I. see LOPEZ-ACEVEDO V. E 243
- LOPEZ-ACEVEDO V., LOPEZ VALERO I., BOISTELLE R. Precipitación simultánea de fosfatos y oxalatos de calcio en solución acuosa E 243
- LOPEZ-ACEVEDO V. see PRIETO M. E 261
- LOPEZ-ACEVEDO V. see GOMEZ LORENTE C. E 283
- LOPEZ-ANDRES S. see PRIETO M. E 261
- LORAND J.P. see BODINIER J.L. F 345
- LORAND J.P., COTTIN J.Y. Ilménite et pseudo brookite (kennedyite) magnésiennes dans les cumulates ultrabasiqes de l'intrusion stratifiée occidentale de Laouini, Hoggar méridional (Algérie) F 373
- LORAND J.P., COTTIN J.Y. A new natural occurrence of zirconolite ($\text{CaZrTi}_2\text{O}_7$) and baddeleyite (ZrO_2) in basic cumulates: the Laouini layered intrusion (Southern Hoggar, Algeria) GB 671
- LORIMER G.W. Quantitative X-ray microanalysis of thin specimens in the transmission electron microscope; GB 49

- a review
- LOTTERMOSER B.G. Churchite from the Mt Weld carbonatite laterite, Western Australia GB 468
- LOUBAT H. see SCHURCH M.L. CH6 267
- LOW S. Ein tektono-metamorphes Entwicklungsmodell der nördlichen Adula-Decke CH6 129
- LUAIS B. Immiscibilité entre liquides silicatés dans les mésostases et les inclusions vitreuses des andésites basiques de Santorin (Arc Egéen) F 93
- LUALDI A. Utilizzo degli isotopi stabili nel riconoscimento di livelli di emersione in sequenze peritidali carbonatiche. Esempi dal Trias delle Alpi Liguri I 33
- ** M**
- MACCIONI L., MURGIA M.V. The basalts of Mte Guzzini (South-Central Sardinia) I 83
- MACDONALD R., SPARKS R.S.J., SIGURDSSON H., MATTEY D.P., MCGARVIE D.W., SMITH R.L. The 1875 eruption of Askja volcano, Iceland: combined fractional crystallization and selective contamination in the generation of rhyolitic magma GB 183
- MACKENZIE A.S. see COOLES G.P. GB 483
- MADDOCK R.H., WHITE S.H., RUTTER E.H. Electron optical studies of experimentally deformed Tennessee Sandstone and quartz-kaolinite gouge GB 125
- MAEDER R. see PETERS Tj. CH7 361
- MAGONTHER M.C. Relations entre les minéralisations d'uranium de la Sierra Pena Blanca (Mexique) et les ignimbrites porteuses F 305
- MAILHE D. see CARPENA J. F 459
- MAINPRICE D. see MONTARDI Y. F 1
- MAJUMDAR N. see DASGUPTA S. GB 577
- MAKOVICKY E. see MOELO Y. F 43
- MALARD C. see SUQUET H. F 711
- MANDARINO J.A. see NICKEL E.H. F 717
- MANDARINO J.A. see NICKEL E.H. CH7 185
- MARCOS PASCUAL C., VIRGOS ROVIRA J. A new method for obtaining the principal reflectances of absorbing minerals F 397
- MARCOS PASCUAL C. see PANIAGUA A. E 177
- MARCOUX E. see MOELO Y. F 43
- MARQUEZ N. see GREW E.S. GB 695
- MARTIN B. see RULL F. E 213
- MARTIN F. see RULL F. E 213
- MARTIN GUILLÉN M., GONZALEZ LOPEZ J.M., LOPEZ AGUAYO F. Caracterización de un interestratificado tipo corrensita en las pizarras del precámbrico de las Cadenas Ibericas (Provincia de Zaragoza) E 141
- MARTIN S., KIENAST J.R. The HP-LT manganeseiferous quartzites of Praborna, Piemonte ophiolite nappe, Italian Western Alps CH7 339
- MARTIN-VIVALDI J.L. see PRIETO M. E 261
- MARZONI FECIA DI COSSATO Y., ORLANDI P. Nuovi dati sui fosfati della pegmatite di Mangualde (Portogallo) I 263
- MASON B. Arsenite from Broken Hill, Australia, with comments on calcioelsian and barium anorthite GB 317
- MATTEY D.P. see MACDONALD R. GB 183
- MAZZETTI G. see BERNARDINI G.P. GB 295
- MEHNERT K.R. The granitization problem - revisited D 285
- MEISSER N. see PERROUD P. CH7 115
- MELGAREJO J.C. see AYORA C. F 603
- MENOT R.P. Les formations plutono-volcaniques dévonniennes de Riouxpérourx-livet (Massifs cristallins externes des Alpes françaises): nouvelles définitions CH6 229
- lithostratigraphique et pétrographique
- MENOT R.P., BONHOMME M.G., VIVIER G. CH7 273
- Structuration tectono-métamorphique carbonifère dans le massif de Belledonne (Alpes occidentales françaises). Apport de la géochronologie K/Ar des amphiboles
- MERCADIER H. see PHILIPPE S. F 283
- MERCOLLI I., SKIPPEN G., TROMMSDORFF V. CH7 75
- The tremolite veins of Campolungo and their genesis
- MERGAUX O., SAMAMA J.C. Mineral transformations and magnetic properties : example of an uranium rich front of oxido-reduction F 187
- MERTZ D.F. see STAHL V. CH6 73
- MESSIGA B. see KIENAST J.R. GB 681
- MESSINA A., RUSSO S., FICHERA S., MINZONI I 103
- N. Stock intrusivo di Cima di Mezzogiorno (Val Vanoi, Cima d'Asta-Trentino): caratteri strutturali e petrochimici delle rocce acide
- MEULEMANS A. see VERSCHURE R.H. GB 746
- MEUNIER J.D., LANDAIS P., MONTHIOUX M., PAGEL M. Oxidation-reduction processes in the genesis of the uranium-vanadium tabular deposits of the Cottonwood Wash mining area (Utah, USA) : evidence from petrological study and organic matter analysis F 145
- MEYER G. see RAIMBAULT L. F 591
- MIAN I., LE BAS M.J. The biotite-phlogopite series in fenites from the Loe Shilman carbonatite complex, NW Pakistan GB 397
- MICHARD G. see SANJUAN B. F 567
- MIDDLETON A.P. see FREESTONE I.C. GB 21
- MILLER C. Alpine high-pressure metamorphism in the Eastern Alps CH6 139
- MILLER M.F. see RANKIN A.H. GB 517
- MILTON C. see APPLEMAN D.E. GB 417
- MINERALOGISCHE UND PETROGRAPHISCHE GESELLSCHAFT IN LUZERN (1987) Abstracts CH7 386
- MINERALOGISCHE UND PETROGRAPHISCHE GESELLSCHAFT IN BERN (1986) Abstracts CH6 460
- MINGARRO F. see ORDONEZ S. E 219
- MINZONI N. see MESSINA A. I 103
- MITCHELL R.S., GIANNINI W.F. Tacharanite in an amygdaloidal basalt, Highland County, Virginia GB 467
- MITROPOULOS P. Primary allanite in andesitic rocks from the Poros Volcano, Greece GB 601
- MOELO Y., MARCOUX E., MAKOVICKY E., KARUP-MOLLER S., LEGENDRE O. Homologues de la lillianite (gustavite, vikingite, heyrovskyite riche en Ag et Bi...) de l'indice à W-As (Pb, Bi, Ag) de La Roche-Balue (Loire Atlantique, France) F 43
- MOHAGHEGHI A. see GOLDBABER B. F 131
- MOHAPATRA B.K., SAHOO R.K. Merlinoite in manganese nodules from the Indian Ocean GB 749
- MOKHTARI A., VELDE D. Sector-zoned kaersutite in camptonites from Morocco GB 151
- MOLINAROLI E. see VITTURI-MENEGAZZO L.M. I 59
- MOLINAROLI E., BASU A. Studio di minerali opachi in sabbie fluviali olceniche e nelle corrispondenti rocce madri di zone sottoposte a climi diversi (Montagne Rocciose e Monti Appalachi in U.S.A.) I 271
- MONTARDI Y., MAINPRICE D. A transmission electron microscopic study of the natural plastic deformation of calcic plagioclases (An 68-70) F 1
- MONTDESIR H., DECARREAU A. Synthèse entre 25 et 200°C de lizardites Ni-Mg. Mesure des coefficients de partage solide-solution aqueuse pour le couple Ni-Mg dans les lizardites F 409
- MONTHIOUX M. see MEUNIER J.D. F 145

MOREIRAS D. see PANIAGUA A.	E	177	PALACIN P. see VILLEMANT B.	F	319
MORESI M. L'alterazione dei graniti delle Serre Orientali (Calabria)	I	237	PALME H. see CHRISTOPHE MICHEL-LEVY M.	F	449
MULVANEY R. Iron ore sinter in the analytical transmission electron microscope	GB	61	PANIAGUA A., MARCOS PASCUAL C., MOREIRAS D., PRADO J. Correlacion entre parametros de red y propiedades fisicas (VHN y R_X) en disulfuros naturales del sistema $FeS_2-CoS_2-NiS_2-CuS_2$ (tipo pirita)	E	177
MURGIA M.V. see MACCIONI L.	I	83	PAQUETTE J.L., BALE P., BALLEVRE M., GEORGET Y. Géochronologie et géochimie des éclogites du Léon: nouvelles contraintes sur l'évolution géodynamique du Nord-Ouest du Massif Armoricain	F	683
McARTHUR J.M. see READ D.	GB	271	PARKER S.C. see PRICE G.D.	GB	157
McCONNELL J.D.C., ASTILL D.M., HALL P.L. The pressure dependence of the dehydration of gypsum to bassanite	GB	453	PARKES R.J. see COOLES G.P.	GB	483
McGARVIE D.W. see MACDONALD R.	GB	183	PARNELL J., EAKIN P. The replacement of sandstones by uraniferous hydrocarbons: significance for petroleum migration	GB	505
** N					
NAKASHIMA S., DISNAR J.R., PERRUCHOT A., TRICHET J. Fixation et réduction de l'uranium par les matières organiques naturelles: mécanismes et aspects cinétiques	F	227	PATRICK R.A.D. see DICKINSON C.	GB	127
NAPPI G. see LARDINI D.	I	141	PEACOR D.R. see DUNN P.J.	GB	281
NAZE L., DOUKHAN N., DOUKHAN J.C., LATROUS K. A TEM study of lattice defects in naturally and experimentally deformed orthopyroxenes	F	497	PEARSON N.J. see GREEN T.H.	GB	145
NGUYEN-TRUNG C. see DUBESSY J.	F	261	PECKETT A. Tensors and matrices in optical mineralogy	GB	655
NICHOLSON K., BANKS D. Magnetite, pyrrhotine and pentlandite from the Leadhills-Wanlockhead mining district, Scotland	GB	175	PENTINGHAUS H. see KUSATZ B.	D	203
NICHOLSON K. Rhodochrosite from Islay, Argyllshire and Dalroy, Inverness-shire, Scotland	GB	677	PERMINGEAT F. see BAUDRACCO-GRITTI C.	F	657
NICKEL E.H., MANDARINO J.A. Procedures involving the IMA Commission on new minerals and mineral names, and guidelines on mineral nomenclature	F	717	PERROUD P., MEISSER N., SARP H. Présence de zincocopiapite en Valais	CH7	115
NICKEL E.H., TEMPERLY J.E. Arsenoflorencite-(Ce): a new arsenate mineral from Australia	GB	605	PERROUD P. see SARP H.	CH7	225
NICKEL E.H., MANDARINO J.A. Procedures involving the IMA Commission on new minerals and mineral names, and guidelines on mineral nomenclature	CH7	185	PERRUCHOT A. see NAKASHIMA S.	F	227
NIEVERGELT P. see BERTRAND J.	CH7	147	PETERS Tj. see SCHULTZ-GUTTLE R.A.	CH6	281
NISIO P., LARDEAUX J.M. Retromorphic Fe-rich talc in low-temperature eclogites: example from Monviso (Italian Western Alps)	F	427	PETERS Tj. see SCHULTZ-GUTTLE R.	CH7	47
NIXON P.H. see THOMAS C.W.	GB	621	PETERS Tj., STETTLER A. Radiometric age, thermobarometry and mode of emplacement of the Tonalp peridotite in the Eastern Swiss Alps	CH7	285
NOACK Y. see RAMANAIDOU E.	GB	139	PETERS Tj., MAEDER R. Natural Cd-contents of a Permo-Carboniferous-Mesozoic sequence in a drillhole in Weiach (N-Switzerland): a contribution to the geochemistry of Cd	CH7	361
NORD G.L. see APPLEMAN D.E.	GB	417	PETIT J-C., DRAN J-C., DELLA MEA G. Effects of ion implantation on the dissolution of minerals. Part II: selective dissolution	F	25
NORTHROP H.R. see GOLDBERGER B.	F	131	PEZERAT H. see SUQUET H.	F	711
NOTARPIETRO A. see DEL MORO A.	CH7	295	PEIFER H.R. see COLOMBI A.	CH6	99
** O					
OBERHANSLI R. Geochemistry of meta-lamprophyres from the Central Swiss Alps	CH6	315	PHILIPPE S., VILLEMAIRE C., LANCELOT J.R., GIROD M., MERCADIER H. Données minéralogiques et isotopiques sur deux gîtes hydrothermaux uranifères du bassin volcano-sédimentaire permien de Collio Orobico (Alpes Bergamasques): phase de remobilisation crétacée	F	283
OBERHANSLI R. Mineralogy and Alpine metamorphism of meta-lamprophyres from the Central Swiss Alps	CH7	321	PILLARD F. see BAUDRACCO-GRITTI C.	F	657
ORDONEZ S., GARCIA DEL CURA M.A., MINGARRO F., LOPEZ DE AZCONA M.C. Mineralogesis de sales sulfatadas-cloruradas magnésicas en la Laguna de Alcahazo (La Mancha-Ciudad Real)	E	219	PIQUE A., WYBRECHT E. Origine des chlorites de l'épizone. Héritage et cristallisation synschisteuse. Exemple des grauwackes cambriennes du Maroc occidental	F	665
ORLANDI P. see MARZONI FECIA DI COSSATO Y.	I	263	PIRET P., DELIENS M. Les phosphates d'uranyle et d'aluminium de Kobokobo. IX L'alutite $AlTh(UO_2)[(UO_2)_3O(OH)(PO_4)_2]_2(OH)_3.15H_2O$, nouveau minéral propriétés et structure cristalline	F	65
OSACAR SORIANO C. see BESTEIRO RAFALES J.	E	185	PIRIOU B., POULLEN J.F. Etude infrarouge des modes vibrationnels de l'eau dans la vivianite	F	697
OSACAR SORIANO M.C. see BESTEIRO RAFALES J.	E	185	PISTOLATO M. see VITTURI-MENEGAZZO L.M.	I	59
OSTWALD J. Chemical variation in a single crystal of chalcophanite	GB	321	PLATT R.G., WALL F., WILLIAMS C.T., WOOLEY A.R. Zirconolite, chevkinite and other rare earth minerals from nepheline syenites and peralkaline granites and syenites of the Chilwa Alkaline Province, Malawi	GB	253
OSTWALD J., DUBRAWSKI J.V. An X-ray diffraction investigation of a Marine 10 Å manganate	GB	463	POGGI L. see BERNARDINI G.P.	GB	295
** P					
PAAR W.H. see GRAESER S.	CH6	259	POGNANTE U., GENOVESE G., LOMBARDO B., ROSSETTI P. Preliminary data on the High Himalayan Crystallines along the Padum-Darcha Traverse (South-Eastern Zaskar, India)	I	95
PAGEL M. see MEUNIER J.D.	F	145			

- POMPILIO M. see ARMIENTI P. I 225
 POTDEVIN J.L. see TROLLIARD G. F 439
 POTY B. see DUBESSY J. F 261
 POULLEN J.F. see PIRIOU B. F 697
 PRADO J. see PANIAGUA A. E 177
 PRICE G.D., PARKER S.C., LESLIE M. The lattice dynamics of forsterite GB 157
 PRIETO A.C. see RULL F. E 213
 PRIETO M., VIEDMA C., LOPEZ-ACEVEDO E 261
 V., MARTIN-VIVALDI J.L., LOPEZ-ANDRES S. Evaluation de la sobresaturacion en el crecimiento de cristales en geles: aplicacion al CaSO₄·H₂O (Yeso) E 253
 PRIETO RUBIO M. see FERNANDEZ-DIAZ L. I 155
 PUGLISI D. I minerali pesanti delle successioni arenacee cretaccio-terziarie della Catena Maghrebide siciliana F 459
 PUPIN J.P. see CARPENA J. GB 715
 PURVIS O.W. see CHISHOLM J.E. ** Q
 QASIM JAN M. see SYMES R.F. GB 635
 QUARTIERI S. see BAUDRACCO-GRITTI C. F 657
 QUIRT D. see HOEVE J. F 157
 ** R
 RAIMBAULT L., MEYER G., TREUIL M. Comportements différenciés de W, Sn, U, Ta, Nb dans quelques complexes granitiques du Massif Central français F 591
 RAIMBAULT L., KÄELIN J.L. Pétrographie et géochimie de la granodiorite de la Fourque (gisement de scheelite de Salau, Pyrénées, France) F 633
 RAMANAIDOU E., NOACK Y. Palagonites of the Red Sea: a new occurrence of hydroxysulphate GB 139
 RAMBOZ C. see DUBESSY J. F 261
 RAMPAZZO G. see VITTURI-MENEGAZZO L.M. I 59
 RANKIN A.H., MILLER M.F., CARTER J.S. The release of trace elements and volatiles from crinoidal limestone during thermal decrepitation GB 517
 READ D., COOPER D.C., McARTHUR J.M. The composition and distribution of nodular monazite in the Lower Paleozoic rocks of Great Britain GB 271
 REINECKE T. Manganoan deerite and calderitic garnet from high-pressure metamorphic Fe-Mn-rich quartzites on Andros Island, Greece GB 247
 REUNION (III) DE LA ASOCIACION ESPANOLA DE GEOLOGIA APLICADA A LOS YACIMENTOS MINERALES (1987) Abstracts E 11
 REUNION (VII) DE LA SOCIEDAD ESPANOLA DE MINERALOGIA (1987) Abstracts E 11
 REYNOLDS R.L. see GOLDBAHER B. F 131
 RIAZ KHAN M. see BARBER D.J. GB 71
 RICHTER W. see DIETRICH H. CH6 163
 RINALDI R. see BAUDRACCO-GRITTI C. F 657
 ROLLINSON H.R. Early basic magmatism in the evolution of Archaean high-grade gneiss terrains: an example from the Lewisian of NW Scotland GB 345
 ROMANO R., TADDEUCCI A., VOLTAGGIO M. Uranium-series dating of some travertins from the southwestern flank of Mt Etna I 249
 ROSSETTI P. see POGNANTE U. I 95
 ROSSY M. see AZAMBRE B. F 379
 ROTACH-TOULHOAT N. see FLEHOC C. F 335
 ROWLAND S.J. see EGLINTON T.I. GB 495
 ROY S. see DASGUPTA S. GB 577
 RUBIE D.C., CHAMPNESS P.E. The evolution of microstructure during the transformation of Mg₂GeO₄ olivine to spinel F 471
 RUBIE D.C., BREARLEY A.J. Metastable melting during the breakdown of muscovite-quartz at 1 kbar F 533
 RULL F., PRIETO A.C., MARTIN F., MARTIN B. Raman electronico en un cristal natural de fluorapatito (Esparraguina de Jumilla, Murcia) E 291
 RULL PEREZ F. La noción de cuasi-cristal a traves de los mosaicos arabes I 403
 RUSSO S. see MESSINA A. GB 125
 RUTTER E.H. see MADDOCK R.H. GB 751
 RYBACK G. see FRANCIS J.G. ** S
 SAHOO R.K. see MOHAPATRA B.K. GB 749
 SALEH A.M. see JONES A.A. GB 87
 SAMAMA J.C. see MERCAUX O. F 187
 SANJUAN B., MICHARD G. Solubilité des hydroxydes d'aluminium dans l'eau à 80°C F 567
 SANTOS A. see GARCIA-RUIZ J.M. E 277
 SARP H., BURRI G. trabzonite Ca₄Si₂O₁₀·2H₂O a new hydrated calcium silicate CH6 453
 SARP H. see PERROUD P. CH7 115
 SARP H., BURRI G. Etude de la schmiederite de la mine Condor, La Rioja (Sierra de Cacheuta) Argentine, un séléniate et sélénite hydraté de plomb et de cuivre CH7 219
 SARP H., PERROUD P., BERTRAND J., CABALZAR W. Découverte de clinocllore manganésifère à Falotta, Grisons, Suisse CH7 225
 SARTORI F. see FRANCESCHELLI M. I 13
 SARTORI M., THELIN P. Les schistes ocellés albitiques de Barneua (Nappe de Siviez-Mischabel, Valais, Suisse) CH7 229
 SASSI F.P., VOZAROVA A. The pressure character of the Hercynian metamorphism in the Gemicum (West Carpathians, Czechoslovakia) I 73
 SAUPE F., VEGAS G. Chemical and mineralogical compositions of black shales (Middle Paleozoic of the Central Pyrenees, Haute-Garonne, France) GB 357
 SCHALTEGGER U. Voralpine und alpine Mineralbildung in der Gneiszone von Erstfeld (Sustenpass, Aarmassiv) der Mechanismus der K-Ar und Rb-Sr Verjüngung alpin umgewandelter Biotite CH6 395
 SCHENKER F., DIETRICH V.J. The Lake Nyos gas catastrophe (Cameron). A magmatological interpretation CH6 343
 SCHENKER F., ABRECHT J. Prä-aargranitische Anatexis, variszische Kontaktmetamorphose und alpidische Regionalmetamorphose in Oberhasli (zentrales Aarmassiv, Schweiz) CH7 13
 SCHMITT J.M., THIRY M. Uranium behaviour in a gossan-type weathering system: example of the Bertholène deposit (Aveyron, France) F 197
 SCHREURS A.W. see VERSCHURE R.H. GB 746
 SCHULTZ-GÜTLER R., PETERS Tj. Coexisting rhodonite and pyroxmangite in the system MnSiO₃-CaSiO₃-MgSiO₃-FeSiO₃ as a geothermometer CH7 47
 SCHULTZ-GÜTLER R.A., PETERS Tj., VALARELLI J.V. Constraints on some phase relations in the system CaO-MnO-MgO-K₂O-Al₂O₃-SiO₂-CO₂-H₂O inferred from mineral data from Buritirama, Brazil CH6 281
 SCHURCH M.L., BERTRAND J., LOUBAT H. Présence de ferroaxinite dans la série volcano-sédimentaire de la zone du Versoyen (Savoie, France et province d'Aoste, Italie) CH6 267
 SCHWANDER H. see GRAESER S. CH7 103
 SCOON R.N. Metasomatism of cumulus magnesian olivine by iron-rich postcumulus liquids in the upper Critical Zone of the Bushveld Complex GB 389
 SCOTCHMAN I.C. Clay diagenesis in the Kimmeridge Clay Formation, onshore UK, GB 535

- and its relation to organic maturation
- SCRIBANI V. see AURISICCHIO C. I 219
- SCRIBANO V. The ultramafic and mafic module suite in a tuff-bressia pipe from Cozzo Molino (Hyblean Plateau, SE Sicily) I 203
- SEIFERT F., FEDERICO M. ^{57}Fe Mössbauer spectroscopy of natural melilites I 3
- SEIFERT N. Geochronologie am Südrand des Damara-Orogens, S.W.A./Namibia: Hydrothermale Beeinflussungen von Isotopensystemen und Abkühlalter in präkambrischen Basementgesteinen CH6 413
- SHARMA R.S., SILLS J.D., JOSHI M. Mineralogy and metamorphic history of norite dykes within granulite facies gneisses from Sand Mata, Rajasthan, NW India GB 207
- SHEPHERD T.J. see GASPAR O. GB 305
- SIGURDSSON H. see MACDONALD R. GB 183
- SILLS J.D. see SHARMA R.S. GB 207
- SKIPPEN G. see MERCOLLI I. CH7 75
- SMITH R.L. see MACDONALD R. GB 183
- SPARKS R.S.J. see MACDONALD R. GB 183
- SPEITEL B. see CHRISTOPHE MICHEL-LEVY M. F 449
- SPIESS R. The Early Alpine overprint in the northern "Silvrettakristallin" and the western "phyllitgneisszone" (Vorarlberg-Tirol, Austria): radiometric evidence I 193
- STAHL V., FRENZEL G., MERTZ D.F. Retrograde Metamorphose in anorthositischen Lagen von Finero (Zone von Ivrea) CH6 73
- STALDER H.A., BUHLER C. Geochemische Untersuchungen an Mineralien der Crichtonit-Gruppe aus alpinen Zerrklüften CH7 93
- STANLEY C.J. see VAUGHAN D.J. GB 285
- STECK A. Le massif du Simplan - Réflexions sur la cinématique des nappes de gneiss CH7 27
- STETTLER A. see PETERS Tj. CH7 285
- STOLZ A.J. Fluid activity in the lower crust and upper mantle: mineralogical evidence bearing on the origin of amphibole and scapolite in ultramafic and mafic granulite xenoliths GB 719
- STOSCH H.G. Constitution and evolution of subcontinental upper mantle and lower crust in areas of young volcanism: differences and similarities between the Eifel (F.R.G.) and Tariat Depression (Mongolia) as evidenced by peridotite and granulite xenoliths D 49
- STRENS R.G.J., FREER R., FIRMAN R.J. Stability of chlorite-quartz assemblages in rocks south and west of Keswick, Cumbria GB 649
- SUBIAS PEREZ I., FERNANDEZ-NIETO C., GONZALEZ LOPEZ J.M. Los filosilicatos del devonico del sector de Yenefrito (Huesca) E 167
- SUQUET H., MALARD C., FOURNIER J., PEZERAT H. Capacité d'échange cationique et charge de surface du chrysotile F 711
- SUWA K., ENAMI M., HORIUCHI T. Chlorine-rich potassium hastingsite from West Ongul Island, Lützow-Holm Bay, East Antarctica GB 709
- SYMES R.F. see BEVINS R.E. GB 172
- SYMES R.F., BEVAN J.C., QASIM JAN M. The nature and origin of orbicular rocks from near Deshai, Swat Kohistan, Pakistan GB 635
- THOMAS A. see HERD R.K. GB 203
- THOMAS C.W., NIXON P.H. lower crustal granulite xenoliths in carbonate volcanoes of the Western Rift of East Africa GB 621
- TOBI A.C. A guide to plagioclase twinning, and an urge to further research on its petrological significance CH7 127
- TOGARI K., AKASAKA M. Okhotskite, a new mineral, an Mn^{3+} -dominant member of the pumpellyite group, from the Kokuriki mine, Hokkaido, Japan GB 611
- TOSSEL J.A. see VAUGHAN D.J. GB 285
- TOURAY J.C. see AYORA C. F 603
- TRELOAR P.J. Chromian muscovites and epidotes from Outokumpu, Finland GB 593
- TREUIL M. see RAIMBAULT L. F 591
- TRICHET J. see NAKASHIMA S. F 227
- TROLLIARD G., POTDEVIN J.L., LARDEAUX J.M., BOUDEULLE M. Transfert de matière dans des roches métamorphiques non déformées. Exemple des métagabbros coronitiques du Rouergue F 439
- TROMMSDORFF V. see MERCOLLI I. CH7 75
- TSAMBOURAKIS G.T. see FROST M.T. GB 585
- ** V**
- VALARELLI J.V. see SCHULTZ-GUTTNER R.A. CH6 281
- VAN DER PLAS L., VAN DOESBURG J.D.J. Braunite and red phengite from Vals, Grisons (Switzerland) CH7 85
- VAN DOESBURG J.D.J. see VAN DER PLAS L. CH7 85
- VASSILIKOU-DOVA A.B., LEHMANN G. Investigations of minerals by electron paramagnetic resonance D 173
- VAUGHAN D.J., TOSSEL J.A., STANLEY C.J. The surface properties of bornite GB 285
- VAUGHAN J.P. Ferropyrosalite and nomenclature in the pyrosalite series GB 174
- VEGAS G. see SAUPE F. GB 357
- VELDE D. see MOKHTARI A. GB 151
- VERDES G., GOUT R. Réhydratation d'oxydes d'aluminium amorphes. Application à l'étude de l'équilibre boehmite-bayerite F 579
- VERSCHURE R.H., SCHREURS A.W., MEULEMANS A. A simple attachment to Debye-Scherrer X-ray powder diffraction cameras to obtain powder patterns from single crystals GB 746
- VEZZALINI G. see BAUDRACCO-GRITTI C. F 657
- VIEDMA C. see PRIETO M. E 261
- VILLARI L. see ARMIENTI P. I 225
- VILLEMAIRE C. see PHILIPPE S. F 283
- VILLEMANT B., PALACIN P. Différenciation magmatique et mécanismes de concentration de l'uranium: exemple du volcanisme du Latium (Italie centrale) F 319
- VILLEMANT B. see FLEHOC C. F 335
- VIRGOS ROVIRA J. see MARCOS PASCUAL C. F 397
- VITTURI-MENEGAZZO L.M., MOLINAROLI E., PISTOLATO M., RAMPAZZO G. Geochemistry of recent sediments in the Lagoon of Venice I 59
- VIVIER G. see MENOT R.P. CH7 273
- VOLTAGGIO M. see ROMANO R. I 249
- VOZAROVA A. see SASSI F.P. I 73
- VUAGNAT M. see BERTRAND J. CH7 147
- VUAGNAT M. see FONTIGNIE D. CH7 171
- VUICHARD J.P. Conditions P-T du métamorphisme anté-alpin dans la "zone zone diorito-kinzigitique" (zone Sesia-Lanzo, Alpes occidentales) CH7 257
- ** T**
- TADDEUCCI A. see ROMANO R. I 249
- TEMPERLY J.E. see NICKEL E.H. GB 605
- THELIN P. see SARTORI M. CH7 229
- THIRY M. see SCHMITT J.M. F 197
- ** W**
- WALL F. see PLATT R.G. GB 253
- WANKE H. see CHRISTOPHE MICHEL-LEVY M. F 449
- WANTY R.B., CHATHAM J.R., LANGMUIR D. The solubilities of some major and minor element minerals in ground waters F 209

- associated with a sandstone-hosted
uranium deposit
- WARREN E.D. see CURTIS C.D. GB 123
- WARREN R.G., HENSEN B.J. Peraluminous
sapphirine from the Aileron district,
Arunta Block, Central Australia GB 409
- WEDEPOHL K.H. Kontinentaler D 19
Interplatten-Vulkanismus am Beispiel der
tertiären Basalte der Hessischen Senke
- WEISBROD A. see DUBESSY J. F 261
- WERSIN P. see ENGI M. CH7 53
- WHITE S.H. see MADDOCK R.H. GB 125
- WHITEMAN J.A. see CURTIS C.D. GB 123
- WHITTLE C.K. see CURTIS C.D. GB 123
- WIEDENBECK M. Structural and isotopic
age profile across the Insubric
Line, Mello, Valtellina, N. Italy CH6 211
- WIEDENBECK M. see DIAMOND L.W. CH6 385
- WILKS E.M., WILKS J. An unusual form of
coated diamond GB 743
- WILKS J. see WILKS E.M. GB 743
- WILLIAMS C. see GILLET P. F 481
- WILLIAMS C.T. see PLATT R.G. GB 253
- WILLIAMS P.J. Metasomatic phenomena
adjacent to a granite pegmatite,
Garry-a-siar, Benbecula, Outer Hebrides GB 735
- WILSON M.J. Mineral nomenclature:
glushinskite GB 327
- WINDLEY B.F. see HERD R.K. GB 203
- WOOLEY A.R. see PLATT R.G. GB 253
- WORDEN R.H., CHAMPNESS P.E., DROOP G.T.R. GB 107
Transmission electron microscopy of the
pyrometamorphic breakdown of phengite
and chlorite
- WORTHING M.A. Deerite from Papua New
Guinea GB 689
- WUST G.H., BAEHNI L.A. The distinctive
tectonometamorphic evolution of two
basement complexes belonging to the
Grand-Saint-Bernard nappe (Val de
Bagnes, Valais) CH6 53
- WYBRECHT E. see PIQUE A. F 665
- WYLLIE P.J. Volcanic Rocks: Boundaries
from experimental petrology D 249
- ** Y**
- YABUKI H. see ALEXANDER C.M.O. GB 733
- YPMA P.J., HOCHMAN B.M. A F 173
thermoluminescence study of the role of
a middle proterozoic unconformity in
controlling uranium mineralization, as
shown at Eyre peninsula, South Australia
- ** Z**
- ZAHM A. The compositional evolution of
calc silicates from the Salau skarn
deposit (Ariège, Pyrénées) F 623
- ZAKRZEWSKI M.A., BURKE E.A.J. GB 318
Schachnerite, paraschachnerite and
silver amalgam from the Sala mine,
Sweden
- ZHENG Y., GANDAIS M. Modèles de structure
des dislocations (010)[001] dans les
feldspaths alcalins F 15
- ZUDDAS P. see BERTORINO G. I 47
- ZUPPI G.M. Application of nuclear
techniques to arid-zone hydrology: 1.
Present recharge and groundwater
salination in the Gefara Plain (Libyan
Arab Jamahiriya) I 165
- ZUSSMAN J. Minerals and the electron
microscope GB 129
- ZWAAN P.C. orthopyroxenes from the
Embilipitya area in Sri Lanka CH7 119

Key word index

- ** A
- ABSTRACTS see CONVEGNO DI SIENA I 177
- ABSTRACTS see CONVEGNO DI CATENIA I 285
- (1986)
- ABSTRACTS see MINERALOGISCHE UND CH6 460
- PETROGRAPHISCHE GESELLSCHAFT IN BERN
- (1986)
- ABSTRACTS see MINERALOGISCHE UND CH7 386
- PETROGRAPHISCHE GESELLSCHAFT IN LUZERN
- (1987)
- ABSTRACTS see REUNION (VII) DE LA E 11
- SOCIEDAD ESPANOLA DE MINERALOGIA (1987)
- ABSTRACTS see REUNION (III) DE LA E 11
- ASOCIACION ESPANOLA DE GEOLOGIA APLICADA
- A LOS YACIMENTOS MINERALES (1987)
- ACCESSORY MINERAL SOLUBILITY see CUNNEY M. F 235
- ACCESSORY MINERALS see CATHELINIAU M. F 249
- ACHONDRITE see CHRISTOPHE MICHEL-LEVY M. F 449
- ACTIVATION ENERGIES see KUSATZ B. D 203
- AGE DETERMINATION see SCHALTEGGER U. CH6 395
- ALBITIZATION see SARTORI M. CH7 229
- ALGERIA - HOGGAR LAOUNI see LORAND J.P. GB 671
- ALGERIA - SOUTHERN HOGGAR see LORAND J.P. F 373
- ALKALI BASALTS see WEDEPOHL K.H. D 19
- ALKALI FELDSPARS see KUSATZ B. D 203
- ALKALI MAGMA see BODINIER J.L. F 345
- ALLANITE see MITROPOULOS P. GB 601
- ALLOPHANE see BAYLISS P. GB 327
- ALLOYS see BERNARDINI G.P. GB 295
- ALLOYS see GRAMLICH V. D 161
- ALPINE FISSURE MINERALS see GRAESER S. CH7 103
- ALPINE FISSURES see STALDER H.A. CH7 93
- ALPINE METAMORPHISM see VAN DER PLAS L. CH7 85
- ALPINE METAMORPHISM see DEL MORO A. CH7 295
- ALPINE METAMORPHISM see OBERHANSLI R. CH7 321
- ALPINE VOLCANICS see FONTIGNIE D. CH7 171
- ALPS see FREY M. CH6 13
- ALPS see ENGI M. CH7 53
- ALPS - ADULA NAPPE see LOW S. CH6 129
- ALPS - BELLEDONNE see MENOT R.P. CH6 229
- ALPS - BERGAMASC see PHILIPPE S. F 283
- ALPS - CENTRAL see COLOMBI A. CH6 99
- ALPS - CENTRAL see OBERHANSLI R. CH6 315
- ALPS - CENTRAL see STECK A. CH7 27
- ALPS - CENTRAL see DEL MORO A. CH7 295
- ALPS - CENTRAL see OBERHANSLI R. CH7 321
- ALPS - EASTERN see SPIESS R. I 193
- ALPS - EASTERN see PETERS Tj. CH7 285
- ALPS - HELVETIC see FREY M. CH7 1
- ALPS - ITALIAN-PRABORNA see MARTIN S. CH7 339
- ALPS - IVREA ZONE see STAHL V. CH6 73
- ALPS - LEPONTINE see KLAPER E.M. CH6 115
- ALPS - LIGURIAN see LUALDI A. I 33
- ALPS - MONVISO see NISIO P. F 427
- ALPS - PENNINE see WUST G.H. CH6 53
- ALPS - PENNINIC see SARTORI M. CH7 229
- ALPS - TAVERN WINDOW see MILLER C. CH6 139
- ALPS - TAVERN WINDOW see DACHS E. CH6 145
- ALPS - TAVERN WINDOW see DIETRICH H. CH6 163
- ALPS - TONALE ZONE see HEITZMANN P. CH6 111
- ALPS - VERSOYEN ZONE see SCHURCH M.L. CH6 267
- ALPS - WESTERN see DESMONS J. CH6 29
- ALPS - WESTERN see GOFFE B. CH6 41
- ALPS - WESTERN see DIAMOND L.W. CH6 385
- ALPS - WESTERN see BERTRAND J. CH7 147
- ALPS - WESTERN see FONTIGNIE D. CH7 171
- ALPS - WESTERN see VUICHARD J.P. CH7 257
- ALPS - WESTERN see MENOT R.P. CH7 273
- ALTHUPITE : NEW MINERAL see PIET P. F 65
- ALUMINIUM HYDROXIDES see SANJUAN B. F 567
- AMALGAM see ZAKRZEWSKI M.A. GB 318
- AMPHIBOLE see BODINIER J.L. F 345
- AMPHIBOLE see TROLLIARD G. F 439
- AMPHIBOLE see MOKHTARI A. GB 151
- AMPHIBOLE see FROST M.T. GB 585
- AMPHIBOLE see STOLZ A.J. GB 719
- AMPHIBOLES see ZUSSMAN J. GB 129
- AMPHIBOLES see MENOT R.P. CH7 273
- AMPHIBOLITE see ROLLINSON H.R. GB 345
- AMPHIBOLITE see FROST M.T. GB 585
- AMPHIBOLITE FACIES see WUST G.H. CH6 53
- AMPHIBOLITE FACIES see HOINKES G. CH6 135
- AMPHIBOLITE FACIES see SCHENKER F. CH7 13
- AMYGDALITE see MITCHELL R.S. GB 467
- ANDESITE see WYLLIE P.J. D 249
- ANDESITIC ROCKS see MITROPOULOS P. GB 601
- ANDORITE see CHANG L.L.Y. GB 741
- ANKERITE see BARBER D.J. GB 71
- ANORTHITE see MASON B. GB 317
- ANORTHOSITIC LAYERS see STAHL V. CH6 73
- ANTARCTICA - WEST ONGUL ISLAND see SUWA K. GB 709
- ANTIMONY see BERNARDINI G.P. GB 295
- APATITE see BARTON M. GB 265
- APATITE see HELVACI C. CH7 307
- APPLIED MINERALOGY see AMBS H. D 129
- Ar³⁹/Ar⁴⁰ METHOD see PETERS Tj. CH7 285
- ARAGONITE see GILLET P. F 481
- ARCHAEOLOGY see FREESTONE I.C. GB 21
- ARCHEAN see BLAIS S. F 73
- ARMENITE see MASON B. GB 317
- ARSENATES see DUNN P.J. GB 281
- ARSENATES see GRAESER S. CH7 103
- ARSENIC see BERNARDINI G.P. GB 295
- ARSENIOPLEITE see DUNN P.J. GB 281
- ARSENOFLORENCITE Ce : NEW MINERAL see NICKEL E.H. GB 605
- ARTINITE see LIVINGSTONE A. GB 459
- ATOMISTIC MODEL see PRICE G.D. GB 157
- AUGITE see HUTCHISON R. GB 311
- AUSTRALIA - ARUNTA BLOCK see WARREN R.G. GB 409
- AUSTRALIA - BROKEN HILL see MASON B. GB 317
- AUSTRALIA - GAWLER CRATON see YPMA P.J. F 173
- AUSTRALIA - GREENBUSHES see FROST M.T. GB 585
- AUSTRALIA - GROOTE EYLANDT see OSTWALD J. GB 321
- AUSTRALIA - MCBRIDE PROVINCE QUEENSLAND see STOLZ A.J. GB 719
- AUSTRALIA - QUEENSLAND see NICKEL E.H. GB 605
- AUSTRALIA - QUEENSLAND see KWAK T.A.P. GB 665
- AUSTRALIA - SOUTH see NICKEL E.H. GB 605
- AUSTRALIA - W Mt WELD see LOTTERMOSER B.G. GB 468
- AUSTRIA see SPIESS R. I 193
- AUSTROALPINE BASEMENT see MILLER C. CH6 139
- AUSTROALPINE GURKTAL NAPPE see FRIMMEL H. CH6 193
- ** B
- BACKSCATTERED ELECTRON IMAGERY see GB 125
- MADDOCK R.H.
- BACKSCATTERED ELECTRONS see LLOYD G.E. GB 3
- BADDELEYITE see LORAND J.P. GB 671
- BARITE see GEHLEN K. VON D 87
- BARIUM see MASON B. GB 317
- BARIUM TITANOSILICATE see APPLEMAN D.E. GB 417
- BASALT see MITCHELL R.S. GB 467
- BASALT see WYLLIE P.J. D 249
- BASALTIC MAGMA see SCHENKER F. CH6 343
- BASALTS see DUPUY C. GB 561
- BASALTS see MACCIONI L. I 83
- BASE METAL EXPLORATION see FERGUSON J. GB 527
- BASEMENT see SEIFERT N. CH6 413
- BASIC MAGNESIUM CARBONATE see LIVINGSTONE A. GB 459
- BASSANITE see MCCONNELL J.D.C. GB 453
- BASTNASITE see PLATT R.G. GB 253
- BAUMHAUERITE see GRAESER S. CH6 259
- BAYERITE see VERDES G. F 579
- BELGIUM - STAVELOT see FRANSOLET A.M. F 647
- BERAUNITE see MARZONI FECIA DI COSSATO Y. I 263
- BERG EFFECT see DOMINGUEZ BELLA S. E 271
- BIOTITE see BREARLEY A.J. GB 93
- BIOTITE see MIAN I. GB 397
- BIOTITE BREAKDOWN see BREARLEY A.J. F 513
- BISCHOFITE see ORDONEZ S. E 219

BISHUNPUR METEORITE see ALEXANDER C.M.O.	GB	733	CHRYOTILE see SUQUET H.	F	711
BISMUTH see MOELO Y.	F	43	CHURCHITE see LOTTERMOSER B.G.	GB	468
BLACK SHALES see SAUPE F.	GB	357	CLAY DIAGENESIS see SCOTCHMAN I.C.	GB	535
BLAST FURNACE see AMBS H.	D	129	CLAY MINERALOGY see MARTIN GUILLEN M.	E	141
BLODITE see ORDONEZ S.	E	219	CLAY MINERALS see HOEVE J.	F	157
BLUESCHIST ASSEMBLAGE see NISIO P.	F	427	CLINOPYROXENE see BLAIS S.	F	73
BLUESCHIST FACIES see WUST G.H.	CH6	53	CLINOZOISITE see TRELOAR P.J.	GB	593
BOEHMITE see VERDES G.	F	579	CL-RICH CALCIC AMPHIBOLES see SUWA K.	GB	709
BORN MODEL see PRICE G.D.	GB	157	COAL RANK see FREY M.	CH6	13
BORNITE see VAUGHAN D.J.	GB	285	COATED DIAMOND see WILKS E.M.	GB	743
BORON see GREW E.S.	GB	695	COESITE see GOFFE B.	CH6	41
BOTTOM SEDIMENTS see VITTURI-MENEGAZZO L.M.	I	59	COFFINITE see GOLDBABER B	F	131
BRAUNITE see VAN DER PLAS L.	CH7	85	COMPRESSIVE TECTONICS see SCHENKER F.	CH7	13
BRAZIL - BURITIRAMA see SCHULTZ-GUTTNER R.A.	CH6	281	CONCENTRATION GRADIENTS see LUIS B.	F	93
BRINES see ZUPPI G.M.	I	165	CONGLOMERATE see FONTIGNIE D.	CH7	171
BRINES see GEHLEN K. VON	D	87	CONTINENTAL BASEMENT see STECK A.	CH7	27
BRINES see ORDONEZ S.	E	219	CONTINENTAL INTRAPLATE VOLCANISM see WEDEPOHL K.H.	D	19
BRONSTED AND LEWIS ACIDITY see GEISMAR G.	D	115	CONTRAST IMAGES see LLOYD G.E.	GB	3
BRUSHITE see GOMEZ LORENTE C.	E	283	CONVERGENT BEAM ELECTRON DIFFRACTION see CHAMPNESS P.E.	GB	33
BULK ROCK CHEMISTRY see BERTRAND J.	CH7	147	CONVERTER see AMBS H.	D	129
BUSHVELD COMPLEX see SCOON R.N.	GB	389	COOLING AGES see SEIBERT N.	CH6	413
** C			COPPER OXALATE see CHISHOLM J.E.	GB	715
CALCALKALINE GRANITES see MESSINA A.	I	103	CORONITE see TROLIARD G.	F	439
CALCITE see GILLET P.	F	481	CORRENITE see MARTIN GUILLEN M.	E	141
CALCITE see FERGUSON J.	GB	527	CORUNDUM see WARREN R.G.	GB	409
CALCITE see DOMINGUEZ BELLA S.	E	271	COVELLITE see PECKETT A.	GB	655
CALCIUM OXALATES see LOPEZ-ACEVEDO V.	E	243	COVELLITE see BESTEIRO RAFALES J.	E	185
CALCIUM PHOSPHATES see LOPEZ-ACEVEDO V.	E	243	CRETACEOUS see PHILIPPE S.	F	283
CALDERITE see REINECKE T.	GB	247	CRETACEOUS see LOPEZ GALINDO A.	E	131
CALDERITE see DASGUPTA S.	GB	577	CRETACEOUS-TERTIARY see PUGLISI D.	I	155
CALEDONIAN see KLAPER E.M.	CH6	295	CRICHTONITE GROUP see GREEN T.H.	GB	145
CALK-ALKALINE MAGMA see LUIS B.	F	93	CRICHTONITE MINERALS see STALDER H.A.	CH7	93
CAMERONITE : NEW MINERAL see CESBRON F.	F	111	CRINODAL see RANKIN A.H.	GB	517
CAMEROON - NYOS LAKE see SCHENKER F.	CH6	343	CRITICAL DOSE see PETIT J-C.	F	25
CANADA - GRENVILLE PROVINCE see HERD R.K.	GB	203	CRUSTAL CONTAMINATION see WEDEPOHL K.H.	D	19
CANADA - SASKATCHEWAN-ATHABASCA BASIN see HOEVE J.	F	157	CRUST-MANTLE EVOLUTION see STOSCH H.G.	D	49
CARBONATE METASOMATISM see LEBLANC M.	F	359	CRYSTAL CHEMISTRY see PANIAGUA A.	E	177
CARBONATE PLATFORM see LUALDI A.	I	33	CRYSTAL GROWTH see MONTDESIR H.	F	409
CARBONATES see BURRUSS R.C.	GB	477	CRYSTAL GROWTH see CARPENA J.	F	459
CARBONATITE see MIAN I.	GB	397	CRYSTAL GROWTH see WILKS E.M.	GB	743
CARBONATITE see LOTTERMOSER B.G.	GB	468	CRYSTAL GROWTH see LOPEZ-ACEVEDO V.	E	243
CARBONATITE see THOMAS C.W.	GB	621	CRYSTAL GROWTH see FERNANDEZ-DIAZ L.	E	253
CARBONATITE see WILLIE P.J.	D	249	CRYSTAL GROWTH see GARCIA-RUIZ J.M.	E	277
CARPHOLITE see GOFFE B.	CH6	41	CRYSTAL GROWTH IN GELS see PRIETO M.	E	261
CARYITE see DUNN P.J.	GB	281	CRYSTAL GROWTH IN GELS see DOMINGUEZ BELLA S.	E	271
CATIONIC EXCHANGE CAPACITY see SUQUET H.	F	711	CRYSTAL GROWTH IN GELS see GOMEZ LORENTE C.	E	283
Cd-CONTENT see PETERS Tj.	CH7	361	CRYSTAL STRUCTURE see PIET P.	F	65
CELL PARAMETER see PANIAGUA A.	E	177	CRYSTALLIZATION-DEFORMATION see SARTORI M.	CH7	229
CELSIAN see MASON B.	GB	317	CRYSTALLIZATION WATER see CENSI P.	I	257
CERAMIC REFRACTORIES see AMBS H.	D	129	CRYSTALLOGRAPHY see RULL PEREZ F.	E	291
CERULEITE see BRAITHWAITE R.S.W.	GB	738	CUMULATE TEXTURE see LORAND J.P.	GB	671
CHABAZITE see AKIZUKI M.	GB	427	CZECHOSLOVAKIA - WEST CARPATHIANS see SASSI F.P.	I	73
CHALCOMENITE see FRANCIS J.G.	GB	751	** D		
CHALCOPHANITE see OSTWALD J.	GB	321	DAVIDITE see GREEN T.H.	GB	145
CHALK XENOLITH see CRESSEY G.	GB	231	DEBYE-SCHERRER CAMERAS see VERSCHURE R.H.	GB	746
CHAMPSAUR FORMATION see FONTIGNIE D.	CH7	171	DEERITE see REINECKE T.	GB	247
CHANNEL ISLANDS see KEY C.H.	GB	217	DEERITE see WORTHING M.A.	GB	689
CHEMICAL CHANGES see MORESI M.	I	237	DEFECTS (RADIATION-INDUCED) see PETIT J-C.	F	25
CHEMICAL COMPOSITION see LUIS B.	F	93	DEFORMATION see NAZE L.	F	497
CHEMICAL COMPOSITION see STALDER H.A.	CH7	93	DEFORMATION see MADDOCK R.H.	GB	125
CHEVKINITE see PLATT R.G.	GB	253	DEFORMATION see HEITZMANN P.	CH6	111
CHLORINITY see DUJON S.C.	F	563	DEFORMATION see KLAPER E.M.	CH6	115
CHLORITE see PIQUE A.	F	665	DEFORMATION see LOW S.	CH6	129
CHLORITE see WORDEN R.H.	GB	107	DEFORMATION see WIEDENBECK M.	CH6	211
CHLORITE see STRENS R.G.J.	GB	649	DEFORMATION see SCHALTEGGER U.	CH6	395
CHLORITE see LOPEZ AGUAYO F.	E	159	DEHYDRATATION see McCONNELL J.D.C.	GB	453
CHLORITE see SUBIAS PEREZ I.	E	167	DEHYDRATATION PROCESS see DOMINGUEZ BELLA S.	E	205
CHLORITE-QUARTZ PARAGENESSES see STRENS R.G.J.	GB	649	DELINDEITE : NEW MINERAL see APPLEMAN D.E.	GB	417
CHLORITOID see KIENAST J.R.	GB	681	DETRITIC SEDIMENTS see FRANCESCHELLI M.	I	13
CHONDRITE see ALEXANDER C.M.O.	GB	733	DIAGENESIS see HOEVE J.	F	157
CHONDRITES see HUTCHISON R.	GB	311	DIAGENETIC CLAY MINERAL see CURTIS C.D.	GB	123
CHROMATICITY COORDINATES see BESTEIRO RAFALES J.	E	185			
CHROME SPINEL see LORAND J.P.	F	373			
CHROMIUM see TRELOAR P.J.	GB	593			

- DIAMOND see WILKS E.M. GB 743
 DICHROMATISM see BESTEIRO RAFALES J. E 185
 DIFFERENTIAL THERMAL ANALYSIS see DOMINGUEZ BELLA S. E 205
 DIFFUSION see PRIETO M. E 261
 DIFFUSION see GARCIA-RUIZ J.M. E 277
 DIOPSIDE see PECKETT A. GB 655
 DIORITE see KEY C.H. GB 217
 DIORITE see SYMES R.F. GB 635
 DIPYRE see BAYLISS P. GB 176
 DISEQUILIBRIUM see RUBIE D.C. F 533
 DISLOCATION see ZHENG Y. F 15
 DISLOCATION see NAZE L. F 497
 DISPLACEMENT PARAMETERS see HUMMEL W. CH7 213
 DISPOSAL ROCKS see HERRMANN A.G. D 307
 DISPOSAL SITES see HERRMANN A.G. D 307
 DISSOCIATION see MONTARDI Y. F 1
 DISSOLUTION see PETIT J.-C. F 25
 DISSOLVED SULPHATES AND FLUORIDES see BERTORINO G. I 47
 DISULFIDES see PANIAGUA A. E 177
 DOLERITE see SCHURCH M.L. CH6 267
 DOYLEITE : NEW MINERAL see CESBRON F. F 111
 DUCTILE FOLDING see STECK A. CH7 27
 DUNITE see AURISICCHIO C. I 219
 DYKES see SHARMA R.S. GB 207
- ** E**
 EARLY ALPINE METAMORPHISME see SPIESS R. I 193
 EAST AFRICA - RIFT see THOMAS C.W. GB 621
 ECLOGITE see PAQUETTE J.L. F 683
 ECLOGITE see GRIFFIN W.L. GB 333
 ECLOGITE see LEAKE B.E. GB 752
 ECLOGITES see DACHS E. CH6 145
 EIRE - BALLYBUNNION see FRANCIS J.G. GB 751
 ELBAITE see CALDERON T. E 191
 ELECTRON DIFFRACTION see CHAMPNESS P.E. GB 33
 ELECTRON MICROPROBE ANALYSES see DEN TEX E. CH7 137
 ELECTRON MICROPROBE ANALYSES see BEVINS R.E. GB 172
 ELECTRON MICROSCOPE see ZUSSMAN J. GB 129
 ELECTRON MICROSCOPY see CHAMPNESS P.E. GB 33
 ELECTRON MICROSCOPY see MULVANEY R. GB 61
 ELECTRON MICROSCOPY see WORDEN R.H. GB 107
 ELECTRON MICROSCOPY see GOSS C.J. GB 437
 ELECTRON PARAMAGNETIC RESONANCE see VASSILIKOU-DOVA A.B. D 173
 ELLENBERGERITE see GOFFE B. CH6 41
 ENGLAND - CORNWALL see BRAITHWAITE R.S.W. GB 738
 ENGLAND - CUMBRIA KESWICK see STRENS R.G.J. GB 649
 EPIDOTE see TRELOAR P.J. GB 593
 EPIDOTE see BLANCO FERNANDEZ M. E 199
 EPSOMITE see FERNANDEZ-DIAZ L. E 253
 EQUILIBRIUM see VERDES G. F 579
 ERUPTIVE CYCLES see LARDINI D. I 141
 EUCRITE-CHEMICAL ANALYSIS see CHRISTOPHE MICHEL-LEVY M. F 449
 EUCRITE-MINERAL ANALYSIS see CHRISTOPHE MICHEL-LEVY M. F 449
 EVAPORITES see CENSI P. I 257
 EXPERIMENTAL PETROLOGY see RUBIE D.C. F 533
 EXPERIMENTAL PETROLOGY see WYLLIE P.J. D 249
 EXPERIMENTAL STUDY see DUJON S.C. F 563
 EXPLOSIVE VOLCANISM see LARDINI D. I 141
 EXPOSURE SURFACES see LUALDI A. I 33
 EXSOLUTION see MOLINAROLI E. I 271
 EXSOLUTION see KUSATZ B. D 203
 EXTERNAL MASSIFS see MENOT R.P. CH6 229
- ** F**
 FAUJASITE see GEISHAR G. D 115
 Fe²⁺/Fe³⁺ ESTIMATION see DROOP G.T.R. GB 431
 FELDSPAR see ZHENG Y. F 15
 FELDSPAR see DUJON S.C. F 563
 FELDSPATHIZATION see MEHNERT K.R. D 285
 Fe-Mn-Mg PARTITION see GARCIA D. F 613
 FENITE see MIAN I. GB 397
 Fe-RICH TALC see NISIO P. F 427
- FERRIHYDRITE see JONES A.A. GB 87
 FERRITES see MULVANEY R. GB 61
 FERROAXINITE see SCHURCH M.L. CH6 267
 FERROPYROSOMALITE : NEW MINERAL see VAUGHAN J.P. GB 174
 FINLAND - KUHMO see BLAIS S. F 73
 FINLAND - OUTOKUMPU see TRELOAR P.J. GB 593
 FISSION TRACKS see CARPENA J. F 459
 FIXATION see NAKASHIMA S. F 227
 FLUID INCLUSION DATA see FREY M. CH6 13
 FLUID INCLUSIONS see AYORA C. F 603
 FLUID INCLUSIONS see BURRUSS R.C. GB 477
 FLUID INCLUSIONS see KWAK T.A.P. GB 665
 FLUID INCLUSIONS see MERCOLLI I. CH7 75
 FLUID INCLUSIONS see GEHLEN K. VON D 87
 FLUID-ROCK EQUILIBRIA see GARCIA D. F 613
 FLUIDS see VILLEMANT B. F 319
 FLUOCERITE see PLATT R.G. GB 253
 FLUORAPATITE see RULL F. E 213
 FLUOR-HYDROGARNETS see CRESSEY G. GB 231
 FLUORITE see BURRUSS R.C. GB 477
 FLUORITE see GEHLEN K. VON D 87
 FORSTERITE see PRICE G.D. GB 157
 FOUNDRY WORKS see AMBS H. D 129
 FOURIER ANALYSIS see MARCOS PASCUAL C. F 397
 FRACTIONAL CRYSTALLISATION see BARDSLEY W.E. GB 171
 FRACTIONAL CRYSTALLIZATION see VILLEMANT B. F 319
 FRANCE - ARMORICAN AREA see PAQUETTE J.-L. F 683
 FRANCE - BELLEDONNE MASSIF see MENOT R.P. CH7 273
 FRANCE - BERTHOLENE see SCHMITT J.M. F 197
 FRANCE - CENTRAL PYRENEES see RAIMBAULT L. F 633
 FRANCE - ESPALY see CARPENA J. F 459
 FRANCE - LA ROCHE BALUE see MOELO Y. F 43
 FRANCE - MASSIF CENTRAL see CATHELINIEAU M. F 249
 FRANCE - MASSIF CENTRAL see LEBLANC M. F 359
 FRANCE - MASSIF CENTRAL see TROLLIARD G. F 439
 FRANCE - MASSIF CENTRAL see RAIMBAULT L. F 591
 FRANCE - PYRENEES see BODINIER J.L. F 345
 FRANCE - PYRENEES see AZAMBRE B. F 379
 FRANCE - PYRENEES see ZAHM A. F 623
 FRANCE - PYRENEES see SAUPE F. GB 357
 FRANCE - TREVILLE see MERGAUX O. F 187
 FREE ENERGY OF FORMATION see SANJUAN B. F 567
- ** G**
 GALENA see GASPAR O. GB 305
 GALENA see GEHLEN K. VON D 87
 GARNET see ZAHM A. F 623
 GARNET see REINECKE T. GB 247
 GARNET see FINLAY C.A. GB 569
 GARNET see DASGUPTA S. GB 577
 GARNET see ENGI M. CH7 53
 GAS CHROMATOGRAPHY see RANKIN A.H. GB 517
 GASPARITE-(Ce) : NEW MINERAL see GRAESER S. CH7 103
 GEOBAROMETRY see HOINKES G. CH6 135
 GEOBAROMETRY see SCHULTZ-GUTTNER R. CH7 47
 GEOCHEMICAL CYCLES see HERRMANN A.G. D 307
 GEOCHEMISTRY see SCHMITT J.M. F 197
 GEOCHEMISTRY see WANTY R.B. F 209
 GEOCHEMISTRY see RAIMBAULT L. F 633
 GEOCHEMISTRY see PAQUETTE J.L. F 683
 GEOCHEMISTRY see KEY C.H. GB 217
 GEOCHEMISTRY see SAUPE F. GB 357
 GEOCHEMISTRY see CLARKE M.C.G. GB 371
 GEOCHEMISTRY see GOKTEN E. GB 553
 GEOCHEMISTRY see FRANCESCHELLI M. I 13
 GEOCHEMISTRY see VITTURI-MENEGAZZO L.M. I 59
 GEOCHEMISTRY see WUST G.H. CH6 53
 GEOCHEMISTRY see OBERHANSLI R. CH6 315
 GEOCHEMISTRY see HELVACI C. CH7 307
 GEOCHEMISTRY see STOSCH H.G. D 49
 GEOCHRONOLOGY see PAQUETTE J.L. F 683
 GEOCHRONOLOGY see ROMANO R. I 249
 GEOCHRONOLOGY see SEIFERT N. CH6 413
 GEOCHRONOLOGY see STOSCH H.G. D 49
 GEOLOGICAL SYSTEMS see HERRMANN A.G. D 307
 GEORGECHAOITE : NEW MINERAL see CESBRON F. F 111

GEOTHERMOBAROMETRY see KLAPER E.M.	CH6	295	HYDROUS PYROLYSIS see EGLINTON T.I.	GB	495
GEOTHERMOMETRY see HOINKES G.	CH6	135	HYDROXIDES see RAMANAIDOU E.	GB	139
GEOTHERMOMETRY see SCHULTZ-GUTTNER R.	CH7	47	HYDROXYSULPHATES see RAMANAIDOU E.	GB	139
GEOTHERMOMETRY see ENGI M.	CH7	53	HYGROMAGMAPHILE ELEMENT see RAIMBAULT L.	F	591
GEOTHERMOMETRY see STOSCH H.G.	D	49			
GERMANY - EIFEL see STOSCH H.G.	D	49	** I		
GERMANY - KAISERSTUHL see SEIFERT F.	I	3	ICELAND - ASKJA VOLCANO see MACDONALD R.	GB	183
GERMANY - SCHWARZWALD see GEHLEN K. VON	D	87	ICOSAHEDRAL SYMMETRY see GRAMLICH V.	D	161
Ge-SUBSTITUTED ALKALI FELDSPARS see	D	203	ICP EMISSION SPECTROSCOPY see RANKIN A.H.	GB	517
KUSATZ B.			IGNIMBRITE see PHILIPPE S.	F	283
GIBBS FREE ENERGY OF FORMATION see	F	409	IGNIMBRITE see MAGONTHIER M.C.	F	305
MONTDESIR H.			ILLITE see SCOTCHMAN I.C.	GB	535
GIBBS FREE ENERGY OF FORMATION see	F	579	ILLITE CRYSTALLINITY see FREY M.	CH6	13
VERDES G.			ILMENITE see BARTON M.	GB	265
GLUSHINSKITE see WILSON M.J.	GB	327	IMA PROCEDURES see NICKEL E.H.	F	717
GNEISS see ROLLINSON H.R.	GB	345	IMA PROCEDURES see NICKEL E.H.	CH7	185
GNEISSES see SHARMA R.S.	GB	207	IMOGOLITE see BAYLISS P.	GB	327
GNEISSES see GRIFFIN W.L.	GB	333	INCLUSIONS see ZWAAN P.C.	CH7	119
GOETHITE see GOSS C.J.	GB	437	INCOMMENSURATELY MODULATED STRUCTURES	D	161
GOLD see LEBLANC M.	F	359	see GRAMLICH V.		
GOLD-QUARTZ VEINS see DIAMOND L.W.	CH6	385	INDEX MINERALS see KLAPER E.M.	CH6	115
GOSSAN see SCHMITT J.M.	F	197	INDIA - HIMALAYA see POGNANTE U.	I	95
GRAIN BOUNDARY DIFFUSION see TROLIARD G.	F	439	INDIA - RAJASTHAN see SHARMA R.S.	GB	207
GRANITE see CUNEY M.	F	235	INDIA - SAUSAR GROUP see DASGUPTA S.	GB	577
GRANITE see RAIMBAULT L.	F	591	INDIAN OCEAN see MOHAPATRA B.K.	GB	749
GRANITE see CLARKE M.C.G.	GB	371	INDUCED FISSION TRACKS see FLEHOC C.	F	335
GRANITE see WILLIAMS P.J.	GB	735	INFERENCE see MARCOS PASCUAL C.	F	397
GRANITES 1.s. see MORESI M.	I	237	INFRARED SPECTROSCOPY see PIRIOU B.	F	697
GRANITIZATION see MEHNERT K.R.	D	285	INFRARED SPECTROSCOPY see BLANCO	E	199
GRANITOIDES see DEL MORO A.	CH7	295	FERNANDEZ M.		
GRANODIORITE see RAIMBAULT L.	F	633	INFRARED SPECTROSCOPY see DOMINGUEZ	E	205
GRANULITE FACIES see SHARMA R.S.	GB	207	BELLA S.		
GRANULITE XENOLITHS see STOLZ A.J.	GB	719	INFRARED SPECTRUM see BRAITHWAITE R.S.W.	GB	738
GREAT BRITAIN see READ D.	GB	271	INSUBRIC LINE see WIEDENBECK M.	CH6	211
GREAT BRITAIN - CORNWALL see BEVINS R.E.	GB	172	INTERSTRATIFIED CLAY MINERALS see MARTIN	E	141
GREECE - ANDROS see REINECKE T.	GB	247	GUILLÉN M.		
GREECE - POROS see MITROPOULOS P.	GB	601	ION BEAM ANALYSIS see PETIT J-C.	F	25
GREECE - SANTORIN see LUISA B.	F	93	ION IMPLANTATION see PETIT J-C.	F	25
GREENLAND - FISKENAESSET see GREW E.S.	GB	695	ION MICROPROBE see GREW E.S.	GB	695
GREENSCHIST FACIES see WUST G.H.	CH6	53	IRON AND STEEL INDUSTRY see AMBS H.	D	129
GROSSULAR-ANDRADITE see ENGI M.	CH7	53	IRON DEPOSIT see HELVACI C.	CH7	307
GROUND WATER CHEMISTRY see WANTY R.B.	F	209	IRON ORE SINTERS see MULVANEY R.	GB	61
GROUNDWATER SALINATION see ZUPPI G.M.	I	165	IRON OXIDE see JONES A.A.	GB	87
GROWTH RATE see FINLAY C.A.	GB	569	IRON-BEARING MINERALS see DROOP G.T.R.	GB	431
GROWTH TWINNING see AKIZUKI M.	GB	427	IRON-RICH ULTRAMAFIC PEGMATITE see SCOON	GB	389
GYPNUM see MCCONNELL J.D.C.	GB	453	R.N.		
GYPNUM see PRIETO M.	E	261	ISOELECTRONIC SERIES see HUMMEL W.	CH7	213
			ISOGRAD see FREY M.	CH7	1
** H			ISOGRADES see FREY M.	CH6	13
HASTINGSITE see SUWA K.	GB	709	ISOTOPE DATA see MACDONALD R.	GB	183
HEAT OF FORMATION see SANJUAN B.	F	567	ISOTOPE HYDROLOGY see ZUPPI G.M.	I	165
HEAVY MINERAL see PUGLISI D.	I	155	ISOTOPE STUDIES see GEHLEN K. VON	D	87
HEAVY MINERALS see FORT GONZALEZ R.	E	149	ISOTOPIC AGES see WIEDENBECK M.	CH6	211
HEMATITE see GOSS C.J.	GB	437	ISOTOPIC FRACTIONATION see CENSI P.	I	257
HEMIPELAGITE see LOPEZ GALINDO A.	E	131	ITALY - ALBAN HILLS see SEIFERT F.	I	3
HERCYNIAN CYCLE see DEL MORO A.	CH7	295	ITALY - CENTRAL SARDINIA see BERTORINO G.	I	47
HERCYNIAN METAMORPHISM see SASSI F.P.	I	73	ITALY - CIMINO see LARDINI D.	I	141
HERCYNIAN PARAGENISES see SCHALTEGGER U.	CH6	395	ITALY - EASTERN SERRE (CALABRIA) see	I	237
HETEROALITE see BEVINS R.E.	GB	172	MORESI M.		
HETEROVALENT ELEMENTS EXCHANGE see DUJON	F	563	ITALY - ETNA see ARMIENTI P.	I	225
S.C.			ITALY - ETNA see ROMANO R.	I	249
HEXAHYDRITE see ORDONEZ S.	E	219	ITALY - ETNA see AURISICCHIO C.	I	219
HEXAHYDRITE see FERNANDEZ-DIAZ L.	E	253	ITALY - LAGOON OF VENICE see	I	59
HIGH PRESSURE see RUBIE D.C.	F	471	VITTURI-MENEGAZZO L.M.		
HIGH PRESSURE see LEAKE B.E.	GB	752	ITALY - LATIAL VOLCANOES see LANDI P.	I	123
HOCHLAGAITE : NEW MINERAL see CESBRON F.	F	111	ITALY - LATIUM see VILLEMANT B.	F	319
HOLMQUISTITE see FROST M.T.	GB	585	ITALY - MONVISO MASSIF see KIENAST J.R.	GB	681
HOST ROCK ALTERATION see HOEVE J.	F	157	ITALY - NORTHERN APENNINES see	I	13
HYDRATION see PETIT J-C.	F	25	FRANCESCHELLI M.		
HYDROCARBONS see PARNELL J.	GB	505	ITALY - PIEMONTE see DEN TEX E.	CH7	137
HYDROCARBONS see FERGUSON J.	GB	527	ITALY - SARDINIA see DUPUY C.	GB	561
HYDROGEN BONDS see PIRIOU B.	F	697	ITALY - SARDINIA see MACCIONI L.	I	83
HYDROGEOCHEMISTRY see BERTORINO G.	I	47	ITALY - SESA-LANZO ZONE see VUICHARD	CH7	257
HYDROTHERMAL ALTERATIONS see RAIMBAULT L.	F	633	J.P.		
HYDROTHERMAL SOLUTIONS see GEHLEN K. VON	D	87	ITALY - SICILIAN MAGHREBIAN CHAIN see	I	155
HYDROTHERMAL STAGE see DUBESSY J.	F	261	PUGLISI D.		
HYDROTHERMAL URANIUM DEPOSITS see	F	283	ITALY - SICILY HYBLEAN PLATEAU see	I	203
PHILIPPE S.			SCRIBANO V.		
HYDROUS PYROLYSIS see COOLES G.P.	GB	483	ITALY - TRENTO CIMA D'ASTA see MESSINA	I	103
			A.		

ITALY - UPPER VALTELLINA see DEL MORO A.	CH7	295	MANGANATE see OSTWALD J.	GB	463
ITALY - VERRUCANO see FRANCESCHELLI M.	I	13	MANGANESE see DASGUPTA S.	GB	577
ITALY - SICILY see CENSI P.	I	257	MANGANESE see SCHULTZ-GUTTLE R.A.	CH6	281
IZOKLAKEITE : NEW MINERAL see CESBRON F.	F	111	MANGANESE NODULE see MOHAPATRA B.K.	GB	749
** J					
JAHSITE see MARZONI FECIA DI COSSATO Y.	I	263	MANGANESE NODULES see OSTWALD J.	GB	463
JAPAN see AKIZUKI M.	GB	615	MANGANIFEROUS SEQUENCE see MARTIN S.	CH7	339
JAPAN - HOKKAIDO see TOGARI K.	GB	611	MANGANOAN CLINOCHLORE see SARP H.	CH7	225
JAPAN - MITAKI see AKIZUKI M.	GB	427	MANNARDITE : NEW MINERAL see CESBRON F.	F	111
JURASSIC see GEHLEN K. VON	D	87	MANTLE METASOMATISM see BODINIER J.L.	F	345
** K					
KAERSUTITE see MOKHTARI A.	GB	151	MANTLE PLUMES see WYLLIE P.J.	D	249
KAINITE see CENSI P.	I	257	MANTLE UPWELLING see PETERS Tj.	CH7	285
KAOLINITE see FREY M.	CH7	1	MARBLE see ALVAREZ PEREZ A.	E	231
K-Ar DATING see DIAMOND L.W.	CH6	385	MARIALITE see BAYLISS P.	GB	176
K-Ar METHOD see STAHL V.	CH6	73	MASS SPECTROMETRY see RANKIN A.H.	GB	517
K-Ar METHOD see FONTIGNIE D.	CH7	171	MASS TRANSFER see TROLIARD G.	F	439
K-Ar METHOD see MENOT R.P.	CH7	273	MATILDITE see GASPAR O.	GB	305
K-Ar MICAS see SPIESS R.	I	193	MATRICES see PECKETT A.	GB	655
KEROGEN see COOLES G.P.	GB	483	MEIONITE see BAYLISS P.	GB	176
KEROGEN see EGLINTON T.I.	GB	495	MERLINOITE see MOHAPATRA B.K.	GB	749
K-FELDSPAR MEGACRYSTS see MEHNERT K.R.	D	285	META-ECLOGITES see COLOMBI A.	CH6	99
KIMBERLITE see WYLLIE P.J.	D	249	METAGABBROS see KIENAST J.R.	GB	681
KIMMERIDGE CLAY FORMATION see SCOTCHMAN I.C.	GB	535	METAGABBROS see STAHL V.	CH6	73
KIMROBINSONITE : NEW MINERAL see CESBRON F.	F	111	METAGREYWACKES see FREY M.	CH6	13
KINETICS see NAKASHIMA S.	F	227	METALLURGY see AMBS H.	D	129
KINETICS see BREARLEY A.J.	F	513	METAMAGMATITES see MENOT R.P.	CH6	229
KINETICS see RUBIE D.C.	F	533	METAMORPHIC CONDITIONS see FREY M.	CH7	1
KIRKIITE : NEW MINERAL see CESBRON F.	F	111	METAMORPHIC DIFFERENTIATION see MEHNERT K.R.	D	285
KOMATIITE see BLAIS S.	F	73	METAMORPHIC EVOLUTION see DESMONS J.	CH6	29
KORNERUPINE see GRW E.S.	GB	695	METAMORPHIC EVOLUTION see LOW S.	CH6	129
KUTNAHORITE see BARBER D.J.	GB	71	METAMORPHIC EVOLUTION see DACHS E.	CH6	145
** L					
LAMPROPHYRE see OBERHANS LI R.	CH6	315	METAMORPHIC FLUID see SARTORI M.	CH7	229
LAMPROPHYRES see OBERHANS LI R.	CH7	321	METAMORPHIC PROCESSES IN SALT DOMES see HERRMANN A.G.	D	307
LATERITE see LOTTERMOSER B.G.	GB	468	METAMORPHIC REACTIONS see RUBIE D.C.	F	533
LATTICE DYNAMICS see PRICE G.D.	GB	157	METAMORPHIC ZONATION see KLAPER E.M.	CH6	115
LATTICE PARAMETER see STALDER H.A.	CH7	93	METAMORPHISM see BLAIS S.	F	73
LEAD see MOELO Y.	F	43	METAMORPHISM see GRIFFIN W.L.	GB	333
LEAD-ZINC MINERALIZATIONS see FERGUSON J.	GB	527	METAMORPHISM see POGNANTE U.	I	95
LEPTYNO-AMPHIBOLITE GROUP see LEBLANC M.	F	359	METAMORPHISM see FRIMMEL H.	CH6	193
LEUCOGRANITE see POGNANTE U.	I	95	METAMORPHISM see DIAMOND L.W.	CH6	385
LICHENS see CHISHOLM J.E.	GB	715	METAMORPHISM ALPINE see DIETRICH H.	CH6	163
LIGNITE see NAKASHIMA S.	F	227	METAMORPHISM ALPINE see WIEDENBECK M.	CH6	211
LILLIANITE HOMOLOGUES see MOELO Y.	F	43	METAMORPHISM ALPINE see SCHALTEGGER U.	CH6	395
LIMESTONE see RANKIN A.H.	GB	517	METAMORPHISM HIGH-PRESSURE see GOFFE B.	CH6	41
LITHOSTRATIGRAPHY see SARTORI M.	CH7	229	METAMORPHISM HIGH-PRESSURE see MILLER C.	CH6	139
LIZARDITE see MONTDESIR H.	F	409	METAMORPHISM HIGH-PRESSURE see DACHS E.	CH6	145
LOURENSWALSITE : NEW MINERAL see APPLEMAN D.E.	GB	417	METAMORPHISM HIGH-PRESSURE see MARTIN S.	CH7	339
LOVERINGITE see GREEN T.H.	GB	145	METAMORPHISM LOW GRADE see FREY M.	CH6	13
LOWER CRUST see STOLZ A.J.	GB	719	METAMORPHISM RETROGRADE see HEITZMANN P.	CH6	111
LOWER CRUST see SCRIBANO V.	I	203	METAMORPHISM-BOALPINE see COLOMBI A.	CH6	99
LOWER CRUSTAL GRANULITE XENOLITHS see THOMAS C.W.	GB	621	METAMORPHISM-BOALPINE see HOINKES G.	CH6	135
LOWER CRUSTAL XENOLITHS see STOSCH H.G.	D	49	METAMORPHISM-VERY LOW GRADE see SUBIAS PEREZ I.	E	167
LOWER PALEOZOIC ROCKS see READ D.	GB	271	METAOPHIOLITES see MILLER C.	CH6	139
LOW-GRADE METAMORPHISM see PIQUE A.	F	665	METAPELITE see KLAPER E.M.	CH6	295
LOW-TEMPERATURE ECLOGITE see NISIO P.	F	427	METAPELITES see GOFFE B.	CH6	41
LYBIA - GEFARA PLAIN see ZUPPI G.M.	I	165	METASEDIMENTS see MILLER C.	CH6	139
** M					
MAGMA CHAMBER see LANDI P.	I	123	METASOMATIC EVOLUTION see STOSCH H.G.	D	49
MAGMATIC DIFFERENTIATION see VILLEMANT B.	F	319	METASOMATISM see ZAHM A.	F	623
MAGMATIC DIFFERENTIATION see GARCIA D.	F	613	METASOMATISM see SCOON R.N.	GB	389
MAGMATIC DIFFERENTIATION see BERTRAND J.	CH7	147	METASOMATISM see WILLIAMS P.J.	GB	735
MAGMATIC ENRICHMENT see RAIMBAULT L.	F	591	METASOMATISM see DIETRICH H.	CH6	163
MAGMATISM see ROLLINSON H.R.	GB	345	METASOMATISM see SCHURCH M.L.	CH6	267
MAGNESIO-HORNBLENDITE see LEAKE B.E.	GB	752	METASOMATISM see WYLLIE P.J.	D	249
MAGNETISM see MERCAUX O.	F	187	META-TROCTOLITES see KIENAST J.R.	GB	681
MAGNETITE see NICHOLSON K.	GB	175	METEORITE see CHRISTOPHE MICHEL-LEVY M.	F	449
MAJOR ELEMENTS CHEMICAL ANALYSES see MESSINA A.	I	103	METEORITE see ALEXANDER C.M.O.	GB	733
MALAWI - CHILWA ALKALINE PROVINCE see PLATT R.G.	GB	253	METEORITES see HUTCHISON R.	GB	311
			MEXICO - SIERRA PENA BLANCA see MAGANTHIER M.C.	F	305
			Mg-ILMENITE see LORAND J.P.	F	373
			Mg-PSEUDOBROOKITE see LORAND J.P.	F	373
			MICA see SUBIAS PEREZ I.	E	167
			MICAS see PHILIPPE S.	F	283
			MICAS see GARCIA D.	F	613
			MICROFABRICS see WUST G.H.	CH6	53
			MICROHARDNESS see PANIAGUA A.	E	177
			MICROPROBE ANALYSES see DROOP G.T.R.	GB	431
			MICROSTRUCTURES see BARBER D.J.	GB	71

MIDDLE AND UPPER TRIASIC see LUALDI A.	I	33	NEW MINERAL : TRABZONITE see SARP H.	CH6	453
MIGMATITE see POGNANTE U.	I	95	NEW MINERAL : VANTASSELITE see FRANSOLET A.M.	F	647
MIGMATITE see KLAPER E.M.	CH6	295	NEW MINERAL : VINCINNITE see CESBRON F.	F	111
MIGMATITES see SCHENKER F.	CH7	13	NEW MINERAL : ZIMBABWEITE see CESBRON F.	F	111
MIGMATITES see MEHNERT K.R.	D	285	NICKEL see SCOON R.N.	GB	389
MINERAL EXPLORATION see BERTORINO G.	I	47	NODULE SUITE see SCRIBANO V.	I	203
MINERAL NOMENCLATURE see NICKEL E.H.	F	717	NODULES see READ D.	GB	271
MINERAL NOMENCLATURE see NICKEL E.H.	CH7	185	NOMENCLATURE see BAYLISS P.	GB	176
MINERAL SPECIES see BAYLISS P.	GB	176	NOMENCLATURE see BAYLISS P.	GB	327
MINERAL SPECIES see BAYLISS P.	GB	176	NOMENCLATURE see WILSON M.J.	GB	327
MINERAL SPECIES see BAYLISS P.	GB	327	NON-RADIOACTIVE WASTE see HERRMANN A.G.	D	307
MINERAL SPECIES see WILSON M.J.	GB	327	NON-STOICHIOMETRY see OSTWALD J.	GB	321
MINERALIZATION AGES see GEHLEN K. VON	D	87	NORITE see SYMES R.F.	GB	635
MINERALOGICAL CHANGES see MORESI M.	I	237	NORITES see SHARMA R.S.	GB	207
MINERALOGY see CLARKE M.C.G.	GB	371	NORWAY see GRIFFIN W.L.	GB	333
MINERALOGY see OBERHANSLI R.	CH7	321	NUCLEATION see RUBIE D.C.	F	471
MINERALOGY OF SEDIMENTS see FRANCESCHELLI M.	I	13	NUCLEATION see KUSATZ B.	D	203
MINERALS see VASSILIKOU-DOVA A.B.	D	173	** O		
MIXING OF SOLUTIONS see GEHLEN K. VON	D	87	OKHOTSITE : NEW MINERAL see TOGARI K.	GB	611
MIZZONITE see BAYLISS P.	GB	176	OLIVINE see BLAIS S.	F	73
Mn-ORES see MARTIN S.	CH7	339	OLIVINE see SCOON R.N.	GB	389
MODAL ANALYSIS see MOLINAROLI E.	I	271	OLIVINE see PECKETT A.	GB	655
MONAZITE see PLATT R.G.	GB	253	OLIVINE see PECKETT A.	I	271
MONAZITE see READ D.	GB	271	OPHIOHITE see DEN TEX E.	CH7	137
MONAZITE GROUP see GRAESER S.	CH7	103	OPHIOHITE NAPPE see MARTIN S.	CH7	339
MONAZITE-(Nd) : NEW MINERAL see GRAESER S.	CH7	103	OPHIOLITES see COLOMBI A.	CH6	99
MONGOLIA - TARIAT DEPRESSION see STOSCH H.G.	D	49	OPHIOLITES see BERTRAND J.	CH7	147
MONROYALITE : NEW MINERAL see CESBRON F.	F	111	OPTICAL CONSTANTS see MARCOS PASCUAL C.	F	397
MOOLOOITE see CHISHOLM J.E.	GB	715	OPTICAL METHODS see DEN TEX E.	CH7	137
MOROCCO see BAUDRACCO-GRIITI C.	F	657	OPTICAL PROPERTIES see PECKETT A.	GB	655
MOROCCO see PIQUE A.	F	665	OPTICAL VARIATION see AKIZUKI M.	GB	615
MOROCCO see MOKHTARI A.	GB	151	ORBICULAR ROCKS see SYMES R.F.	GB	635
MOSBAUER SPECTROSCOPY see SEIFERT F.	I	3	ORGANIC ACIDS see EGLINTON T.I.	GB	495
MUSCOVITE see TRELOAR P.J.	GB	593	ORGANIC MATTER see MEUNIER J.D.	F	145
MUSCOVITE see METHODO see SASSI F.P.	I	73	ORGANIC MATTER see NAKASHIMA S.	F	227
MUSCOVITE DESTABILISATION see RUBIE D.C.	F	533	ORGANIC MATURATION see SCOTCHMAN I.C.	GB	535
MYLONITES see HEITZMANN P.	CH6	111	ORTHOGNEISSES see FRIMMEL H.	CH6	193
MYLONITES see WIEDENBECK M.	CH6	211	ORTHOPYROXENE see NAZE L.	F	497
** N			ORTHOPYROXENES see ZWAAN P.C.	CH7	119
Na-K INTERDIFFUSION see KUSATZ B.	D	203	OSCILLATORY BEHAVIOUR see GARCIA-RUIZ J.M.	E	277
NAMIBIA see SEIFERT N.	CH6	413	OSTWALD RIPENING see LUIS B.	F	93
NAPPE EMPLACEMENT see STECK A.	CH7	27	OTZTAL BASEMENT see HOINKES G.	CH6	135
NATIVE COPPER see NICHOLSON K.	GB	677	OVARDITE see DEN TEX E.	CH7	137
NATURAL DEFORMATION see MONTARDI Y.	F	1	OXIDATION-REDUCTION see MEUNIER J.D.	F	145
NATURAL MELILITES see SEIFERT F.	I	3	OXIDO-REDUCTION see MERGAUX O.	F	187
NECROLOGY : T. WATANABE see FONTEILLES M.	F	645	OXYGEN FUGACITY see DUBESSY J.	F	261
NECROLOGY : M. KOREKAWA see JAGODZINSKI H.	D	5	OXYGEN FUGACITY see LORAND J.P.	F	373
NECROLOGY : P.P. EWALD see JAGODZINSKI H.	D	1	OXYGEN FUGACITY see HERD R.K.	GB	203
NEPHELINE see WYLLIE P.J.	D	249	OXYGEN FUGACITY see WORTHING M.A.	GB	689
NEW GUINEA - PAPUA see WORTHING M.A.	GB	689	** P		
NEW MINERAL : ALTHUPE see PIRET P.	F	65	PACIFIC OCEAN see OSTWALD J.	GB	463
NEW MINERAL : ARSENOFLORENCITE Ce see NICKEL E.H.	GB	605	PAKISTAN - LOE SHILMAN see MIAN I.	GB	397
NEW MINERAL : CAMERONITE see CESBRON F.	F	111	PAKISTAN - SWAT KOHISTAN see SYMES R.F.	GB	635
NEW MINERAL : DELINDEITE see APPELMAN D.E.	GB	417	PALAGONITES see RAMANAIDOU E.	GB	139
NEW MINERAL : DOYLEITE see CESBRON F.	F	111	PALEOGEOGRAPHIC RECONSTRUCTION see SAUPE F.	GB	357
NEW MINERAL : FERROPYROSMAHITE see VAUGHAN J.P.	GB	174	PALEOTEMPERATURES see BURRUSS R.C.	GB	477
NEW MINERAL : GASPARITE-(Ce) see GRAESER S.	CH7	103	PALYGORSKITE see LOPEZ GALINDO A.	E	131
NEW MINERAL : GEORGECHAOITE see CESBRON F.	F	111	PARAGONEISS see HERD R.K.	GB	203
NEW MINERAL : HOCHELAGAITE see CESBRON F.	F	111	PARASCHACHNERITE see ZAKRZEWSKI M.A.	GB	318
NEW MINERAL : IZOKLAKEITE see CESBRON F.	F	111	PARENT ROCKS-DAUGHTER SEDIMENTS see MOLINAROLI E.	I	271
NEW MINERAL : KIMROBINSONITE see CESBRON F.	F	111	PARTIAL MELTING see BARDSLEY W.E.	GB	171
NEW MINERAL : KIRKIITE see CESBRON F.	F	111	PARTITION COEFFICIENT see MONTDESIR H.	F	409
NEW MINERAL : LOURENSWALSITE see APPELMAN D.E.	GB	417	PARTITION COEFFICIENT see LAGACHE M.	F	551
NEW MINERAL : MANNARDITE see CESBRON F.	F	111	PARTITION COEFFICIENT see DUJON S.C.	F	563
NEW MINERAL : MONAZITE-(Nd) see GRAESER S.	CH7	103	PAVONITE see GASPAR O.	GB	305
NEW MINERAL : MONTROYALITE see CESBRON F.	F	111	Pb-Zn ORE DEPOSITS see LOPEZ AGUAYO F.	E	159
NEW MINERAL : OKHOTSITE see TOGARI K.	GB	611	PEGMATITE see WILLIAMS P.J.	GB	735
NEW MINERAL : RAPIDCREKITE see CESBRON F.	F	111	PELITE see SUBIAS PEREZ I.	E	167
NEW MINERAL : SIDWILLITE see CESBRON F.	F	111	PELITIC SCHISTS see FINLAY C.A.	GB	569
			PENNINIC METASEDIMENTS see DACHS E.	CH6	145
			PENNINIC NAPPES see DIETRICH H.	CH6	163
			PENTLANDITE see NICHOLSON K.	GB	175
			PERALUMINOUS GRANITES see CATHELINEAU M.	F	249
			PERIDOTITE see BODINIER J.L.	F	345

PERIDOTITE see LEBLANC M.	F	359	RADIATION EFFECTS see YPMA P.J.	F	173
PERIDOTITE see DUPUY C.	GB	561	RADIOACTIVE WASTE see HERRMANN A.G.	D	307
PERIDOTITE see PETERS T.J.	CH7	285	RAMAN SPECTROSCOPY see RULL F.	E	213
PERIDOTITE see WYLLIE P.J.	D	249	RAPIDCREEKITE : NEW MINERAL see CESBRON F.	F	111
PERIDOTITES see GRIFFIN W.L.	GB	333	RARE EARTH ELEMENTS DISTRIBUTION see	CH7	103
PERTHITE see KUSATZ B.	D	203	GRAESER S.		
PETROCHEMISTRY see LANDI P.	I	123	RARE EARTH ELEMENTS GEOCHEMISTRY see	GB	145
PETROLEUM GENERATION see COOLES G.P.	GB	483	GREEN T.H.		
PETROLEUM MIGRATION see PARNELL J.	GB	505	RARE EARTH ELEMENTS see CRESSEY G.	GB	231
PETROLOGICAL DATA see ALVAREZ PEREZ A.	E	231	RARE EARTH ELEMENTS see READ D.	GB	271
PETROLOGY see RAIMBAULT L.	F	633	RARE EARTH ELEMENTS see DUPUY C.	GB	561
PETROLOGY OF BASALTS see MACCIONI L.	I	83	RARE EARTH ELEMENTS see MITROPOULOS P.	GB	601
PETROLOGY OF LAVAS see ARMIENTI P.	I	225	RARE EARTH ELEMENTS see HELVACI C.	CH7	307
pH see DUBESSY J.	F	261	RARE EARTH ELEMENTS see GEHLEN K. VON	D	87
PHACOLITE see AKIZUKI M.	GB	427	RARE EARTH MINERALS see KWAK T.A.P.	GB	665
PHASE DIAGRAM see KUSATZ B.	D	203	RARE EARTH METHOD see FRIMMEL H.	CH6	193
PHASE RELATIONS see SCHULTZ-GUTTNER R.A.	CH6	281	Rb-Sr METHOD see DEL MORO A.	CH7	295
PHASE TRANSFORMATION see RUBIE D.C.	F	471	Rb-Sr MICAS see SPIESS R.	I	193
PHASE TRANSITION see GILLET P.	F	481	REACTION MECHANISM see RUBIE D.C.	F	471
PHENGITE see WORDEN R.H.	GB	107	REACTION MECHANISM see BREARLEY A.J.	F	513
PHENGITE see VAN DER PLAS L.	CH7	85	REACTION MECHANISM see WORDEN R.H.	GB	107
PHLOGOPITE see MIAN I.	GB	397	REACTION MECHANISM see GOSS C.J.	GB	437
PHLOGOPITE see WARREN R.G.	GB	409	REACTIVITY OF INNER SURFACE see GEISMAR	D	115
PHOSPHATE see MARZONI FECIA DI COSSATO Y.	I	263	G.		
PHOSPHATE ACTIVITY see CATHELINEAU M.	F	249	RED SEA see RAMANAIDOU E.	GB	139
PHYLLMANGANATE see OSTWALD J.	GB	463	REDOX FRONT see HOEVE J.	F	157
PHYLOSILICATES see LOPEZ AGUAYO F.	E	159	REDUCTION see NAKASHIMA S.	F	227
PLAGIOCLASE see MONTARDI Y.	F	1	REFLECTANCE see PANIAGUA A.	E	177
PLAGIOCLASE see LAGACHE M.	F	551	REFLECTANCES see MARCOS PASCUAL C.	F	397
PLAGIOCLASES TWINNING see TOBI A.C.	CH7	127	RETROGRADE METAMORPHISM see STAHLE V.	CH6	73
PLANAR DEFECT see ZHENG Y.	F	15	RETROMORPHIC EVOLUTION see NISIO P.	F	427
PLATE TECTONICS see CLARKE M.C.G.	GB	371	RHODOCHROSITE see NICHOLSON K.	GB	677
PLIOCENE see MACCIONI L.	I	83	RHODONITE see SCHULTZ-GUTTNER R.	CH7	47
POLLUTION see VITTURI-MENEGAZZO L.M.	I	59	RHOMBOHEDRAL CARBONATES see BARBER D.J.	GB	71
POLYPHASE PROCESSES see WUST G.H.	CH6	53	RHYOLITE see MAGONTHIER M.C.	F	305
POROSITY DEVELOPMENT see EGLINTON T.I.	GB	495	RHYOLITE see WYLLIE P.J.	D	249
PORTUGAL - MANGUALDE see MARZONI FECIA	I	263	RHYOLITIC MAGMA see MACDONALD R.	GB	183
DI COSSATO Y.			RIFT VOLCANICS see WEDEPOHL K.H.	D	19
PORTUGAL - VALE DAS GATAS see GASPAR O.	GB	305	ROCK FORMATION see TOBI A.C.	CH7	127
POSTCUMULUS see SCOON R.N.	GB	389	RODINGITISATION see DIETRICH H.	CH6	163
POTASSIC VOLCANISM see VILLEMANT B.	F	319	ROZENITE see BAYLISS P.	GB	176
PREALPINE METAMORPHISM see VUICHARD J.P.	CH7	257	** S		
PRECAMBRIAN see SEIFERT N.	CH6	413	S ISOTOPES see GEHLEN K. VON	D	87
PRECIPITATION see LOPEZ-ACEVEDO V.	E	243	SALINE SEDIMENTATION see ORDONEZ S.	E	219
PREHNITE see DOMINGUEZ BELLA S.	E	205	SALINITY see MERCOLLI I.	CH7	75
PRESSURE CHARACTER see SASSI F.P.	I	73	SANDSTONE see MERGAUX O.	F	187
PRESSURE-TEMPERATURE CONDITIONS see WUST	CH6	53	SANDSTONES see PARNELL J.	GB	505
G.H.			SAPPHIRINE see HERD R.K.	GB	203
PRESSURE-TEMPERATURE CONDITIONS see	CH7	257	SAPPHIRINE see WARREN R.G.	GB	409
VUICHARD J.P.			SCANNING ELECTRON MICROSCOPE see	GB	21
PRESSURE-TEMPERATURE ESTIMATES see	CH6	29	FREESTONE I.C.		
DESMONS J.			SCANNING ELECTRON MICROSCOPY see LLOYD	GB	3
PRESSURE-TEMPERATURE ESTIMATES see	CH6	99	G.E.		
COLOMBI A.			SCAPOLITE see BAYLISS P.	GB	176
PRE-VOLCANIC MANTLE METASOMATISM see	D	19	SCAPOLITE see STOLZ A.J.	GB	719
WEDEPOHL K.H.			SCAPOLITE see ALEXANDER C.M.O.	GB	733
PRIMARY MAGMAS see WEDEPOHL K.H.	D	19	SCHACHNERITE see ZAKRZEWSKI M.A.	GB	318
PROGRESSIVE ALPINE METAMORPHISM see	CH6	115	SHEELITE see AYORA C.	F	603
KLAPER E.M.			SCHISTOSITY see PIQUE A.	F	665
PUMPELLYITE GROUP see TOGARI K.	GB	611	SCHMIEDERITE - NEW DATA see SARP H.	CH7	219
PYRENEES see ALVAREZ PEREZ A.	E	231	SCHMIEDERITE - NEW DESCRIPTION see SARP	CH7	219
PYRITE TYPE see PANIAGUA A.	E	177	H.		
PYROCLASTIC SURGES see LARDINI D.	I	141	SCOTLAND - ISLAY DALROY see NICHOLSON K.	GB	677
PYROMETAMORPHISM see BREARLEY A.J.	GB	93	SCOTLAND - ISLE OF ARRAN see CRESSEY G.	GB	231
PYROMETAMORPHISM see WORDEN R.H.	GB	107	SCOTLAND - LEADHILLS WANLOCKHEAD see	GB	175
PYROPHYLLITE see FREY M.	CH7	1	NICHOLSON K.		
PYROSMALITE see VAUGHAN J.P.	GB	174	SCOTLAND - LEWISIAN see ROLLINSON H.R.	GB	345
PYROXENE see ZAHM A.	F	623	SCOTLAND - OUTER HEBRIDES see WILLIAMS	GB	735
PYROXENES see AZAMBRE B.	F	379	P.J.		
PYROXENITE see BODINIER J.L.	F	345	SCOTLAND - SUTHERLAND see FINLAY C.A.	GB	569
PYROXANGITE see SCHULTZ-GUTTNER R.	CH7	47	SECTOR ZONING see MOKHTARI A.	GB	151
PYRRHOTINE see NICHOLSON K.	GB	175	SEDIMENTARY ROCKS see PETERS T.J.	CH7	361
** Q			SEDIMENTS see GOLDBABER B.	F	131
QUARTZ see AYORA C.	F	603	SELECTIVE ENRICHMENT see VILLEMANT B.	F	319
QUASICRYSTALS see GRAMLICH V.	D	161	SELENITE see FRANCIS J.G.	GB	751
QUASICRYSTALS see RULL PEREZ F.	E	291	SELLAITE see GEHLEN K. VON	D	87
** R			SERPENTINE see ZUSSMAN J.	GB	129
RADIATION DEFECTS see VASSILIKOU-DOVA A.B.	D	173	SHEAR ZONES see HEITZMANN P.	CH6	111

SHEARZONES see STAHL V.	CH6	73	SWITZERLAND - AAR MASSIF see SCHALTEGGER U.	CH6	395
SHEET Al PHOSPHATE see FRANSOLET A.M.	F	647	SWITZERLAND - AAR MASSIF see SCHENKER F.	CH7	13
SIDERITE see BARBER D.J.	GB	71	SWITZERLAND - ADULA NAPPE see VAN DER PLAS L.	CH7	85
SIDWILLITE : NEW MINERAL see CESBRON F.	F	111	SWITZERLAND - CAMPOLUNGO see MERCOLLI I.	CH7	75
SILICA SOLUBILITY see GOLDBABER B	F	131	SWITZERLAND - FALOTTA see SARP H.	CH7	225
SILICATE LIQUID IMMISCIBILITY see LUAIS B.	F	93	SWITZERLAND - SILVIEZ-MISCHABEL see SARTORI M.	CH7	229
SILVER see MOELO Y.	F	43	SWITZERLAND - VALAIS see PERROUD P.	CH7	115
SILVER see GASPAR O.	GB	305	SWITZERLAND - WEIACH DRILLHOLE see PETERS Tj.	CH7	361
SILVER see CHANG L.L.Y.	GB	741	SYMMETRY see RULL PEREZ F.	E	291
SIMULATED MATURATION see COOLES G.P.	GB	483	SYNTHESIS OF MINERALS see MONTDESIR H.	F	409
SITE SYMMETRY see VASSILIKOU-DOVA A.B.	D	173	SYSTEM Ag-Hg see ZAKRZEWSKI M.A.	GB	318
SKARN see ZAHM A.	F	623	** T		
SKARN see KWAK T.A.P.	GB	665	TACHARANITE see MITCHELL R.S.	GB	467
SKARN MINERALOGY see CRESSEY G.	GB	231	TECTONICS see GOKTEN E.	GB	553
SLIP SYSTEM see MONTARDI Y.	F	1	TECTONO-METAMORPHISM EVOLUTION see MENOT R.P.	CH6	229
SMECTITE see SCOTCHMAN I.C.	GB	535	TEMPERATURE see DUBESSY J.	F	261
SMECTITE see LOPEZ GALINDO A.	E	131	TENSORS see PECKETT A.	GB	655
SMITHSONITE see BARBER D.J.	GB	71	TERNARY SYSTEM Ab-An-SrF see LAGACHE M.	F	551
SMYTHITE see NICHOLSON K.	GB	175	TERRACE see FORT GONZALEZ R.	E	149
SOLID SOLUTION see SCHULTZ-GUTTNER R.A.	CH6	281	TERRIGENOUS DEPOSITS see FORT GONZALEZ R.	E	149
SOLIDUS CURVES see WYLLIE P.J.	D	249	THERMAL ANALYSIS see BERNARDINI G.P.	GB	295
SOLIDUS OF PHLOGOPITE LHERZOLITE see WEDEPOHL K.H.	D	19	THERMAL DECREPITATION see RANKIN A.H.	GB	517
SOLUBILITY see DUBESSY J.	F	261	THERMOBAROMETRY see PETERS Tj.	CH7	285
SOLUBILITY OF MINERALS see WANTY R.B.	F	209	THERMODYNAMICS see WANTY R.B.	F	209
SOLUBILITY OF MINERALS see SANJUAN B.	F	567	THERMOLUMINESCENCE see YPMA P.J.	F	173
SOLUBILITY OF MINERALS see VERDES G.	F	579	THERMOLUMINESCENCE see CALDERON T.	E	191
SOLUBILITY PRODUCTS see SANJUAN B.	F	567	THIN SPECIMENS see LORIMER G.W.	GB	49
SOLUTION MODEL see ENGI M.	CH7	53	THOLEIITES see AZAMBRE B.	F	379
SOLVUS CALCULATION see KUSATZ B.	D	203	THORIUM see PIRET P.	F	65
SOURCE ROCK see COOLES G.P.	GB	483	THRUST see POGNANTE U.	I	95
SOURCE ROCKS see FRANCESCHELLI M.	I	13	TIESCHITZ CHONDRITE see HUTCHISON R.	GB	311
SOUTH AFRICA see SCOON R.N.	GB	389	TIN see DUBESSY J.	F	261
SPAIN - ARAGON PYRENEES see SUBIAS PEREZ I.	E	167	TIN see CLARKE M.C.G.	GB	371
SPAIN - BETIC RIDGES see LOPEZ AGUAYO F.	E	159	TIN see CHANG L.L.Y.	GB	741
SPAIN - CATALONIA see AYORA C.	F	603	TODOROKITE see OSTWALD J.	GB	463
SPAIN - LA MANCHA see ORDONEZ S.	E	219	TORPEDO LADLER see AMBS H.	D	129
SPAIN - MADRID BASIN see FORT GONZALEZ R.	E	149	TOURMALINE see CALDERON T.	E	191
SPECIATION see DUBESSY J.	F	261	TOXICITY OF WASTES see HERRMANN A.G.	D	307
SPECTROPHOTOMETRY see GREW E.S.	GB	695	TRABZONITE : NEW MINERAL see SARP H.	CH6	453
SPHALERITE see DICKINSON C.	GB	127	TRACE ELEMENT see DIETRICH H.	CH6	163
SPHALERITE see GEHLEN K. VON	D	87	TRACE ELEMENT MODELLING see WEDEPOHL K.H.	D	19
SPINEL see DUPUY C.	GB	561	TRACE ELEMENT PARTITIONING see LAGACHE M.	F	551
SPINODAL DECOMPOSITION see KUSATZ B.	D	203	TRACE ELEMENTS see VITTURI-MENEGAZZO L.M.	I	59
SPITSBERGEN see KLAPER E.M.	CH6	295	TRACE ELEMENTS CHEMICAL ANALYSES see MESSINA A.	I	103
Sr AND Nd ISOTOPE GEOLOGY see STOSCH H.G.	D	49	TRANSFORMATION STRESSES see GILLET P.	F	481
Sr ISOTOPES see GEHLEN K. VON	D	87	TRANSITION-METAL IONS see VASSILIKOU-DOVA A.B.	D	173
SRI LANKA see ZWAAN P.C.	CH7	119	TRANSMISSION ELECTRON MICROSCOPY see MONTARDI Y.	F	1
STABLE ISOTOPES see LUALDI A.	I	33	TRANSMISSION ELECTRON MICROSCOPY see RUBIE D.C.	F	471
STABLE ISOTOPES see MERCOLLI I.	CH7	75	TRANSMISSION ELECTRON MICROSCOPY see GILLET P.	F	481
STIBNITE see MARCOS PASCUAL C.	F	397	TRANSMISSION ELECTRON MICROSCOPY see NAZE L.	F	497
STIBNITE see PECKETT A.	GB	655	TRANSMISSION ELECTRON MICROSCOPY see BREARLEY A.J.	F	513
STRATABOUND MINERALIZATION see GEHLEN K. VON	D	87	TRANSMISSION ELECTRON MICROSCOPY see RUBIE D.C.	F	533
STRONTIUM see LAGACHE M.	F	551	TRANSMISSION ELECTRON MICROSCOPY see LORIMER G.W.	GB	49
STRUCTURE DATABASE see HUMMEL W.	CH7	213	TRANSMISSION ELECTRON MICROSCOPY see BREARLEY A.J.	GB	93
SUBBETIC ZONE see LOPEZ GALINDO A.	E	131	TRANSMISSION ELECTRON MICROSCOPY see CURTIS C.D.	GB	123
SUBDUCTION see DESMONS J.	CH6	29	TRANSMISSION ELECTRON MICROSCOPY see DICKINSON C.	GB	127
SUBDUCTION see GOFFE B.	CH6	41	TRANSPORT OF MATTER see HERRMANN A.G.	D	307
SULFATES see PERROUD P.	CH7	115	TRAVERTINS see ROMANO R.	I	249
SULFIDE see PETERS Tj.	CH7	361	TREMOLITE VEINS see MERCOLLI I.	CH7	75
SULFOSALT see MOELO Y.	F	43	TRIASSIC see GEHLEN K. VON	D	87
SULFOSALTS see GRAESER S.	CH6	259	TRIASSIC DOLERITES see AZAMBRE B.	F	379
SULFOSALTS see HUMMEL W.	CH7	213	TTT-DIAGRAMS see KUSATZ B.	D	203
SULPHIDES see VAUGHAN D.J.	GB	285			
SULPHIDES see SAUPE F.	GB	357			
SULPHOSALT see CHANG L.L.Y.	GB	741			
SULPHUR RICH VARIETY see SARP H.	CH7	219			
SUMATRA see CLARKE M.C.G.	GB	371			
SUPERSATURATION see LOPEZ-ACEVEDO V.	E	243			
SUPERSATURATION see PRIETO M.	E	261			
SUPERSATURATION RATE see GOMEZ LORENTE C.	E	283			
SURFACE CHARGE see SUQUET H.	F	711			
SURFACE PROPERTIES see VAUGHAN D.J.	GB	285			
SWEDEN - LANGBAN SJO MINES see DUNN P.J.	GB	281			
SWEDEN - SALA see ZAKRZEWSKI M.A.	GB	318			
SWITZERLAND see STALDER H.A.	CH7	93			
SWITZERLAND see OBERHANSLI R.	CH7	321			

TUFF-BRECCIA PIPE see SCRIBANO V.	I	203	VOLCANOES see MACDONALD R.	GB	183
TUNGSTEN see DUBESSY J.	F	261	VOLCANOLOGY see ARMIENTI P.	I	225
TUNGSTEN see RAIMBAULT L.	F	591			
TUNGSTEN see GASPARD O.	GB	305	** W		
TUNGSTEN see CLARKE M.C.G.	GB	371	WAKEFIELDITE-(Ce)(NON PLUMBOAN) see	F	657
TUNGSTEN MINERALIZATION see RAIMBAULT L.	F	633	BAUDRACCO-GRITTI C.		
TUNGSTEN-DEPOSIT see ZAHM A.	F	623	WATER VACANCY see FERNANDEZ-DIAZ L.	E	253
TUNGSTEN-TIN MINERALIZATION see GARCIA D.	F	613	WEATHERING see SCHMITT J.M.	F	197
TURBIDIC SANDSTONES see PUGLISI D.	I	155	WEATHERING see MORESI M.	I	237
TURBIDITIC PELITE see LOPEZ GALINDO A.	E	131	WEDDELLITE see CHISHOLM J.E.	GB	715
TURKEY see SARP H.	CH6	453	WEHRLITE see AURISICCHIO C.	I	219
TURKEY - ANATOLIA see GOKTEN E.	GB	553	WERNERITE see BAYLISS P.	GB	176
TURKEY - AVNIK REGION see HELVACI C.	CH7	307	WHEWELLITE see CHISHOLM J.E.	GB	715
			WHITEITE see MARZONI FECIA DI COSSATO Y.	I	263
** U			** X		
ULTRABASIC CUMULATE see LORAND J.P.	F	373	XENOCRYSTS see BARTON M.	GB	265
ULTRAPOTASSIC LAVAS see BARTON M.	GB	265	XENOLITH see AURISICCHIO C.	I	219
UNCONFORMITY TYPE-U-DEPOSITS see YPMA P.J.	F	173	XENOLITH see SCHURCH M.L.	CH6	267
UNCONFORMITY-TYPE DEPOSITS see HOEVE J.	F	157	X-RAY DIFFRACTION see GOSS C.J.	GB	437
UNDERGROUND DISPOSAL see HERRMANN A.G.	D	307	X-RAY DIFFRACTION see OSTWALD J.	GB	463
UNIVERSAL STAGE see TOBI A.C.	CH7	127	X-RAY DIFFRACTION see DOMINGUEZ BELLA S.	E	205
U-Pb DATING see PAQUETTE J.L.	F	683	X-RAY MICROANALYSIS see LORIMER G.W.	GB	49
U-Pb DATING see PHILIPPE S.	F	283	X-RAY POWDER DIFFRACTION PATTERNS see	GB	746
UPPER CARBONIFEROUS CONGLOMERATES see	CH6	193	VERSCHURE R.H.		
FRIMMEL H.			** Y		
UPPER MANTLE see STOLZ A.J.	GB	719	YUGAWARALITE see AKIZUKI M.	GB	615
UPPER MANTLE see SCRIBANO V.	I	203			
UPPER MANTLE see AURISICCHIO C.	I	219	** Z		
UPPER MANTLE XENOLITHS see STOSCH H.G.	D	49	ZAIRE - KOBOKOBO see PIRET P.	F	65
URANINITE see PARNELL J.	GB	505	ZEOLITE see AKIZUKI M.	GB	615
URANIUM see MEUNIER J.D.	F	145	ZEOLITE see MOHAPATRA B.K.	GB	749
URANIUM see HOEVE J.	F	157	ZEOLITES see AKIZUKI M.	GB	427
URANIUM see MERCAUX O.	F	187	ZIMBABWEITE : NEW MINERAL see CESBRON F.	F	111
URANIUM see SCHMITT J.M.	F	197	ZINCOCOPIAPITE see FERROUD P.	CH7	115
URANIUM see WANTY R.B.	F	209	ZIRCON see CARPENA J.	F	459
URANIUM see NAKASHIMA S.	F	227	ZIRCON DATING see PAQUETTE J.L.	F	683
URANIUM see DUBESSY J.	F	261	ZIRCONOLITE see PLATT R.G.	GB	253
URANIUM see MAGONTHIER M.C.	F	305	ZIRCONOLITE see LORAND J.P.	GB	671
URANIUM see VILLEMANT B.	F	319	ZIRCON-TYPE STRUCTURE see	F	657
URANIUM see FLEHOC C.	F	335	BAUDRACCO-GRITTI C.		
URANIUM see CARPENA J.	F	459	ZONED ERUPTIONS see LANDI P.	I	123
URANIUM see PARNELL J.	GB	505			
URANIUM see KWAK T.A.P.	GB	665			
URANIUM DISEQUILIBRIA see SCHMITT J.M.	F	197			
URANIUM GEOLOGY see GOLDBERGER B.	F	131			
URANIUM METALLOGENESIS see CUNEY M.	F	235			
URANIUM SOURCE see CUNEY M.	F	235			
URANYL see PIRET P.	F	65			
USA - APPALACHIAN MOUNTAINS see	I	271			
MOLINAROLI E.					
USA - MORRISON FORMATION see MEUNIER J.D.	F	145			
USA - ROCKY MOUNTAINS see MOLINAROLI E.	I	271			
USA - TEXAS see WANTY R.B.	F	209			
USA - VIRGINIA HIGHLAND COUNTY see	GB	467			
MITCHELL R.S.					
USA - WYOMING LEUCITE HILLS see BARTON M.	GB	265			
U-Th-REE MOBILITY see CATHELINEAU M.	F	249			
** V					
VANADATE see BAUDRACCO-GRITTI C.	F	657			
VANADIUM see MEUNIER J.D.	F	145			
VANTASSELITE : NEW MINERAL see FRANSOLET	F	647			
A.M.					
VARIATION DIAGRAMS see BERTRAND J.	CH7	147			
VARISCAN see MENOT R.P.	CH6	229			
VARISCAN BASEMENT see SCHENKER F.	CH7	13			
VARISCAN OROGENY see MENOT R.P.	CH7	273			
VEIN-TYPE MINERALIZATION see GEHLEN K.VON	D	87			
VIBRATIONS OF WATER see PIRIOU B.	F	697			
VINCIENNITE : NEW MINERAL see CESBRON F.	F	111			
VIVIANITE see PIRIOU B.	F	697			
VOLATILE see SCHENKER F.	CH6	343			
VOLATILE FATTY ACIDS see COOLES G.P.	GB	483			
VOLCANIC ROCKS see FLEHOC C.	F	335			
VOLCANIC ROCKS see GOKTEN E.	GB	553			
VOLCANISM see ROMANO R.	I	249			
VOLCANISM see SCHENKER F.	CH6	343			
VOLCANO SEDIMENTARY SERIES see SCHENKER	CH7	13			
F.					
VOLCANOCLASTICS see MENOT R.P.	CH6	229			

1987 INDEX

CONTENTS

Author Index

Key word Index

to

Boletín de la Sociedad Española de Mineralogía 1987 volumen 10

Bulletin de Minéralogie 1987 volume 110

Fortschritte der Mineralogie 1987 band 65

Mineralogical Magazine 1987 volume 51

Rendiconti della Società Italiana di Mineralogia e Petrologia 1987 volume 42

Schweizerische Mineralogische und Petrographische Mitteilungen 1986 band 66

Schweizerische Mineralogische und Petrographische Mitteilungen 1987 band 67

This index is produced by the "Société française de Minéralogie et de Cristallographie" in co-operation with the Mineralogical Societies of the following countries : Austria, Belgium, Denmark, Finland, France, Great Britain and Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and West Germany.
